

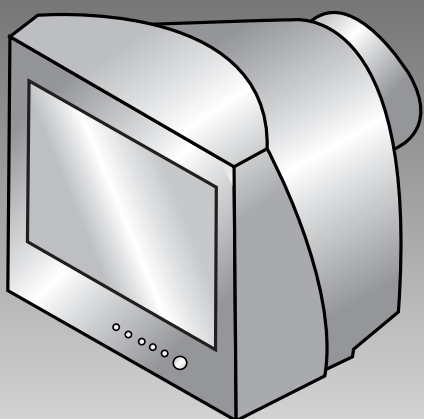
SAMSUNG

COLOR TELEVISION RECEIVER

Chassis : KS1B(P)
Model : CZ21C71NSDXxEC
CZ21K22TSDXXEH

SERVICE *Manual*

COLOR TELEVISION RECEIVER



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1. Precautions

Follow these safety, servicing and ESD precautions to prevent damage and protect against potential hazards such as electrical shock and X-rays.

1-1 Safety Precautions

1. Be sure that all of the built-in protective devices are replaced. Restore any missing protective shields.
2. When reinstalling the chassis and its assemblies, be sure to restore all protective devices, including: nonmetallic control knobs and compartment covers.
3. Make sure that there are no cabinet openings through which people—particularly children—might insert fingers and contact dangerous voltages. Such openings include the spacing between the picture tube and the cabinet mask, excessively wide cabinet ventilation slots, and improperly fitted back covers.

If the measured resistance is less than 1.0 megohm or greater than 5.2 megohms, an abnormality exists that must be corrected before the unit is returned to the customer.

4. Leakage Current Hot Check (Figure 1-1):
Warning: Do not use an isolation transformer during this test. Use a leakage-current tester or a metering system that complies with American National Standards Institute (ANIS C101.1, Leakage Current for Appliances), and Underwriters Laboratories (UL Publication UL1410, 59.7).
5. With the unit completely reassembled, plug the AC line cord directly into the power outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including: antennas, handle brackets, metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.

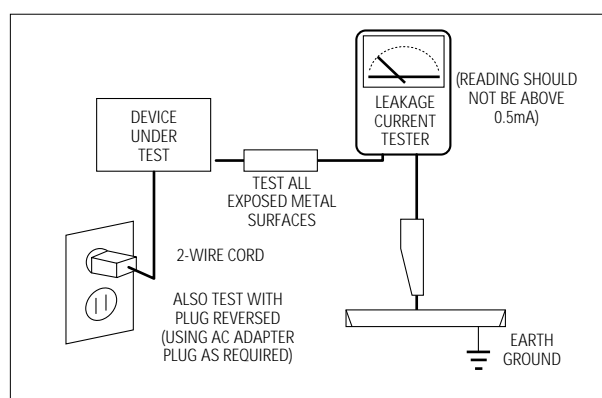


Fig. 1-1 AC Leakage Test



6. Antenna Cold Check:
With the unit's AC plug disconnected from the AC source, connect an electrical jumper across the two AC prongs. Connect one lead of the ohmmeter to an AC prong. Connect the other lead to the coaxial connector.
7. X-ray Limits:
The picture tube is especially designed to prohibit X-ray emissions. To ensure continued X-ray protection, replace the picture tube only with one that is the same type as the original. Carefully reinstall the picture tube shields and mounting hardware; these also provide X-ray protection.
8. High Voltage Limits:
High voltage must be measured each time servicing is done on the B+, horizontal deflection or high voltage circuits. Correct operation of the X-ray protection circuits must be reconfirmed whenever they are serviced.
(X-ray protection circuits also may be called "horizontal disable" or "hold-down".)

Heed the high voltage limits. These include the X-ray Protection Specifications Label, and the Product Safety and X-ray Warning Note on the service data schematic.

1-1 Safety Precautions (Continued)

9. High voltage is maintained within specified limits by close-tolerance, safety-related components and adjustments. If the high voltage exceeds the specified limits, check each of the special components.
10. Design Alteration Warning:
Never alter or add to the mechanical or electrical design of this unit. Example: Do not add auxiliary audio or video connectors. Such alterations might create a safety hazard. Also, any design changes or additions will void the manufacturer's warranty.
11. Hot Chassis Warning:
Some TV receiver chassis are electrically connected directly to one conductor of the AC power cord. If an isolation transformer is not used, these units may be safely serviced only if the AC power plug is inserted so that the chassis is connected to the ground side of the AC source.

To confirm that the AC power plug is inserted correctly, do the following: Using an AC voltmeter, measure the voltage between the chassis and a known earth ground. If the reading is greater than 1.0V, remove the AC power plug, reverse its polarity and reinsert. Re-measure the voltage between the chassis and ground.
12. Some TV chassis are designed to operate with 85 volts AC between chassis and ground, regardless of the AC plug polarity. These units can be safely serviced only if an isolation transformer inserted between the receiver and the power source.
13. Some TV chassis have a secondary ground system in addition to the main chassis ground. This secondary ground system is not isolated from the AC power line. The two ground systems are electrically separated by insulating material that must not be defeated or altered.
14. Components, parts and wiring that appear to have overheated or that are otherwise damaged should be replaced with parts that meet the original specifications. Always determine the cause of damage or overheating, and correct any potential hazards.
15. Observe the original lead dress, especially near the following areas: Antenna wiring, sharp edges, and especially the AC and high voltage power supplies. Always inspect for pinched, out-of-place, or frayed wiring. Do not change the spacing between components and the printed circuit board. Check the AC power cord for damage. Make sure that leads and components do not touch thermally hot parts.
16. Picture Tube Implosion Warning:
The picture tube in this receiver employs "integral implosion" protection. To ensure continued implosion protection, make sure that the replacement picture tube is the same as the original.
17. Do not remove, install or handle the picture tube without first putting on shatterproof goggles equipped with side shields. Never handle the picture tube by its neck. Some "in-line" picture tubes are equipped with a permanently attached deflection yoke; do not try to remove such "permanently attached" yokes from the picture tube.
18. Product Safety Notice:
Some electrical and mechanical parts have special safety-related characteristics which might not be obvious from visual inspection. These safety features and the protection they give might be lost if the replacement component differs from the original—even if the replacement is rated for higher voltage, wattage, etc.

Components that are critical for safety are indicated in the circuit diagram by shading, () or ().
Use replacement components that have the same ratings, especially for flame resistance and dielectric strength specifications. A replacement part that does not have the same safety characteristics as the original might create shock, fire or other hazards.

1-2 Servicing Precautions

Warning1: First read the "Safety Precautions" section of this manual. If some unforeseen circumstance creates a conflict between the servicing and safety precautions, always follow the safety precautions.

Warning2: An electrolytic capacitor installed with the wrong polarity might explode.

1. Servicing precautions are printed on the cabinet. Follow them.
2. Always unplug the unit's AC power cord from the AC power source before attempting to: (a) Remove or reinstall any component or assembly, (b) Disconnect an electrical plug or connector, (c) Connect a test component in parallel with an electrolytic capacitor.
3. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.
4. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the portion around the serviced part has not been damaged.
5. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).
6. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500V) to the blades of the AC plug.

The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.
7. Never defeat any of the B+ voltage interlocks. Do not apply AC power to the unit (or any of its assemblies) unless all solid-state heat sinks are correctly installed.
8. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.

1-3 Precautions for Electrostatically Sensitive Devices (ESDs)

1. Some semiconductor (“solid state”) devices are easily damaged by static electricity. Such components are called Electrostatically Sensitive Devices (ESDs); examples include integrated circuits and some field-effect transistors. The following techniques will reduce the occurrence of component damage caused by static electricity.
2. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. (Be sure to remove it prior to applying power—this is an electric shock precaution.)
3. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of electrostatic charge.
4. Do not use freon-propelled chemicals. These can generate electrical charges that damage ESDs.
5. Use only a grounded-tip soldering iron when soldering or unsoldering ESDs.
6. Use only an anti-static solder removal device. Many solder removal devices are not rated as “anti-static”; these can accumulate sufficient electrical charge to damage ESDs.
7. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.
8. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.
9. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting a foot from a carpeted floor can generate enough static electricity to damage an ESD.

2. Specifications and IC Data

2-1 Specifications

Television System:

MODEL	SYSTEM
CI	PAL-I (UHF)
CII	PAL-I (VHF/UHF)
CX	PAL-B/G, SECAM-B/G
CK	PAL-B/G, D/K, SECAM-B/G, D/K
CW	PAL-B/G, D/K, SECAM-B/G, D/K, NT 4.43
CS	PAL-B/G, D/K, SECAM-B/G, D/K, NT4.43, NT3.58

Channels:

System Band	PAL/SECAM-B/G,I	PAL, SECAM- D/K	SECAM-K1, PAL-D	NTSC - M
VHF	2 - 12	1 - 13	2 - 9	2 - 13
UHF	21 - 69	21 - 69	13 - 57	14-69

Intermediate Frequencies (MHz) :

SYSTEM IF Carrier Frequency	PAL/ SECAM- B/G	PAL/SECAM-D/K, SECAM-K1	PAL - I	NTSC - M
Picture IF Carrier	38.90	38.90	38.90	45.75
Sound IF Carrier	33.40	32.40	32.90	41.25
Color Sub Carrier	34.47	34.47	34.47	42.18

Picture Tube:

21 Inch A51QDX991X101	Quick start, in-line-gun, Black stripe, 90°degree deflection
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Power Requirements:

AC 100~240V, 50/60Hz

Antenna Input Impedance:

VHF, UHF : Telescopic dipole antenna (75 ohm unbalanced type)

Speaker Impedance

8 ohm, 5W+5W (Dual Type)
8 ohm, 3W (Monitor Type)

2-2 IC Line Up

Table 2-1 IC Line-Up			
Loc. No	Specification	Description	Remark
HC101	PAP103	IF PRE-AMP	
IC201S	SPM802ER	TTX, English/Croatian/Romanian/Hungarian/Polish/Czech/ Bulgarian/Russian/Portugal	Philips
	SPM802ERN	W/O TTX, English/Croatian/Romanian/Hungarian/Polish/Czech/ Bulgarian/Russian/Portugal	
IC301	LA7845	VERTICAL OUTPUT	Sanyo
IC501	TDA6107Q	RGB DRIVE AMP	Philips
IC602 IC603	TDA8944 TDA8943	SOUND-AMP (5W x 2CH) SOUND-AMP (3W x 1CH)	Philips
IC801S	KA5Q1265R	POWER IC (STR)	
IC802	KA7632	CUSTOM REGULATOR (5V, 8V, 3.3V)	SEC
IC202	24C08/KS28C040	EEPROM	
PC801S	TCET1108 / LTV817B	PHOTO COUPLER	
IC101	U4468B	SIF - IC	TEMIC

2-3 Semiconductor Base Diagrams

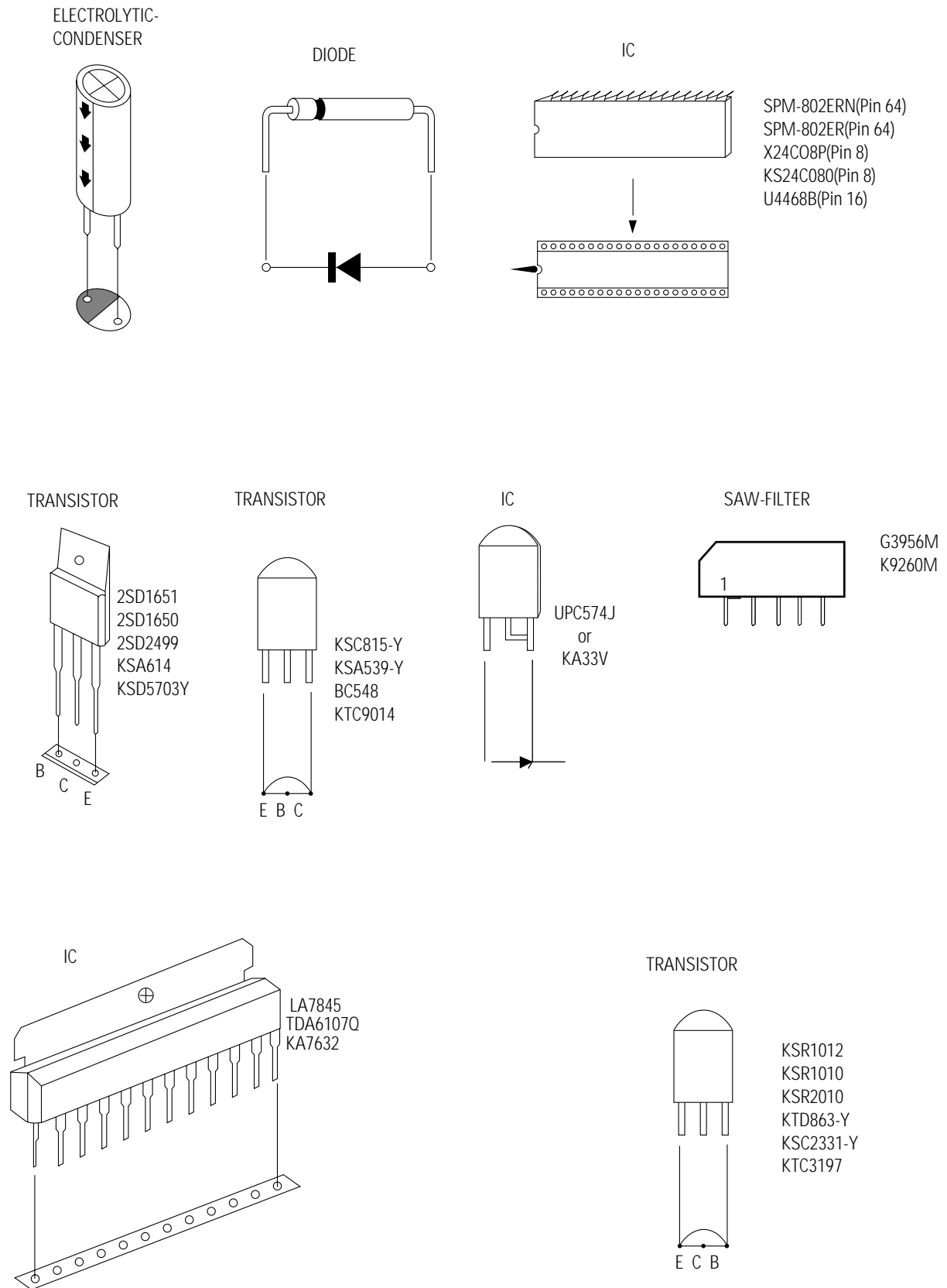
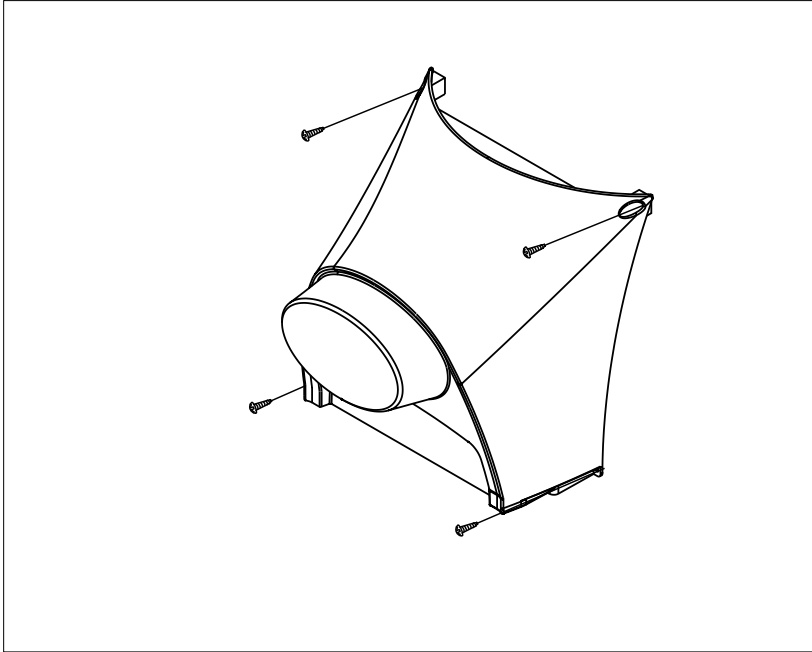


Fig. 2-1 Semiconductor Base Diagrams

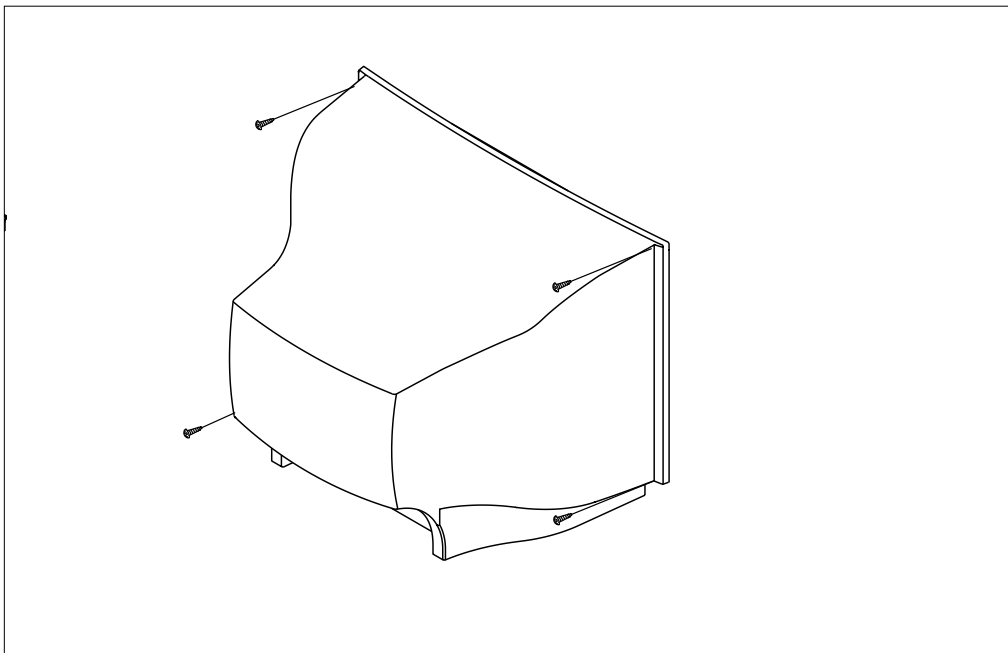
MEMO

3. Disassembly and Reassembly

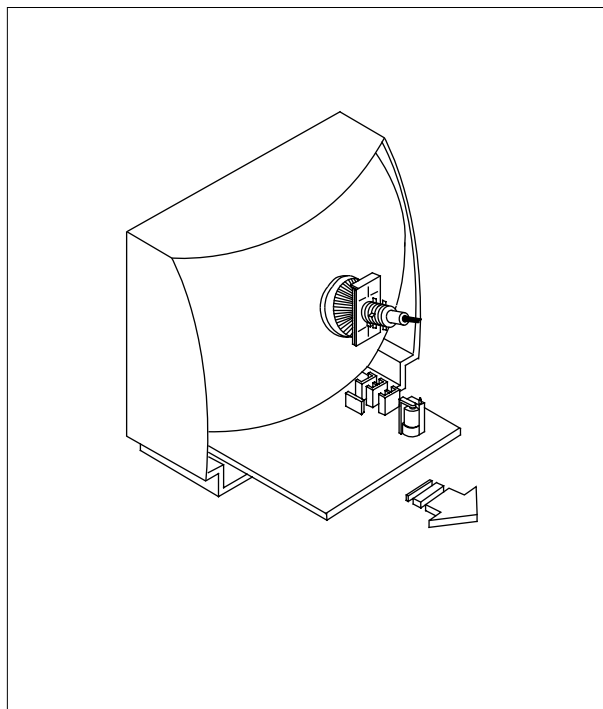
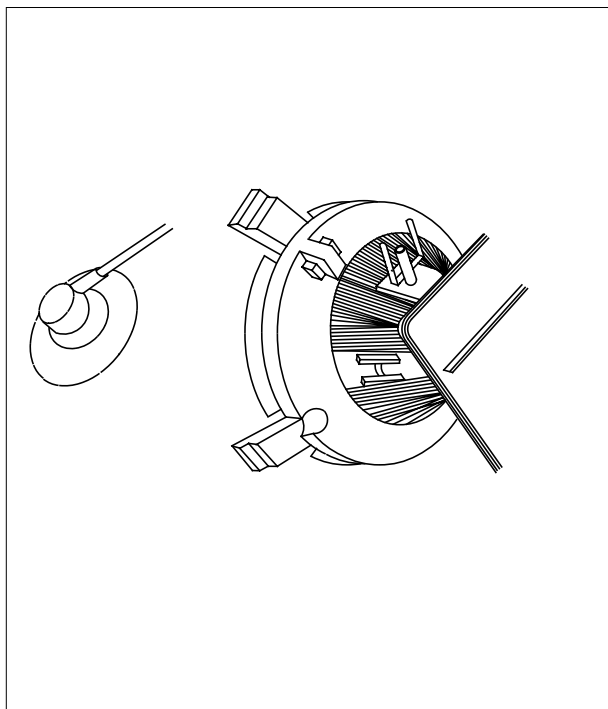
3-1 Back Cover Removal



1. After removing the screws, press the tension rib and pull the cabinet backwards.
2. To reassemble, press the tension rib (see diagram).



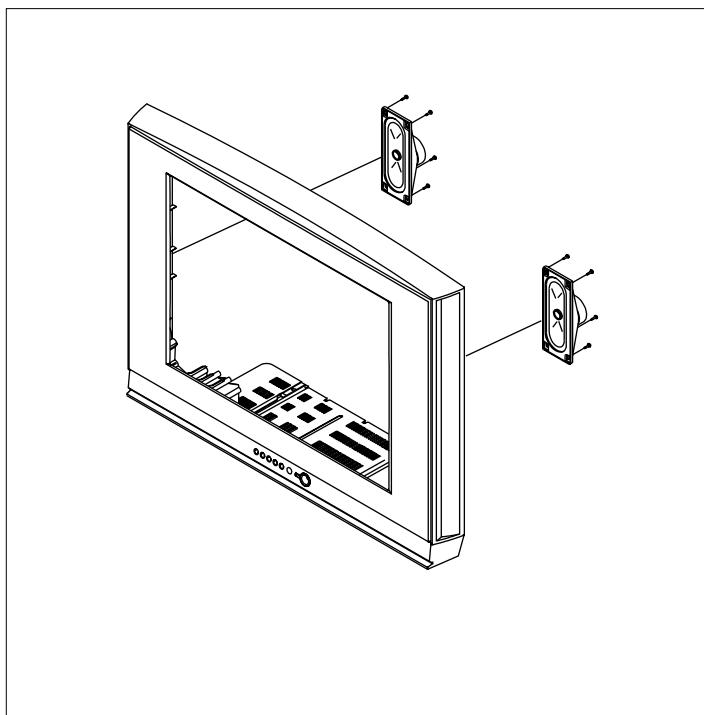
3-2 Main Board Removal



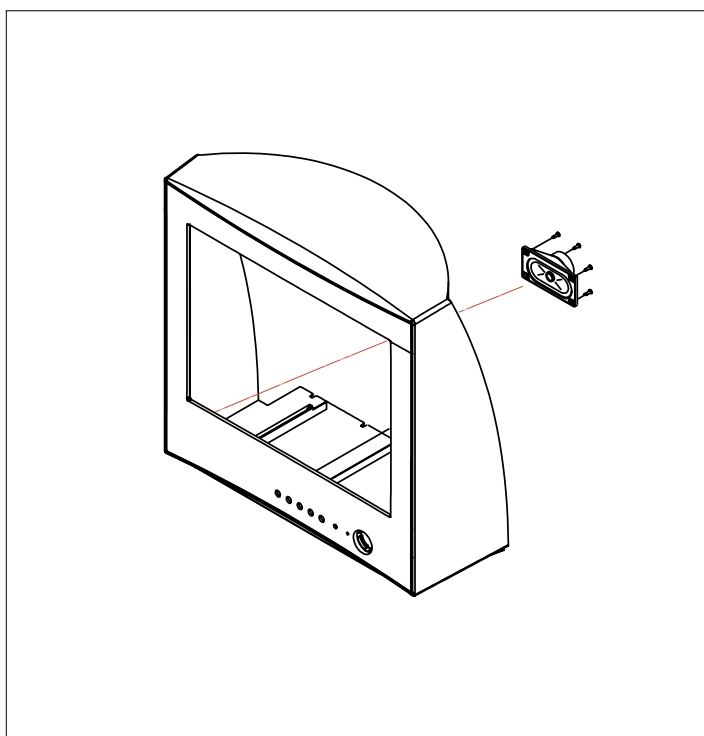
1. Separate the socket board from the CRT neck.
2. Remove the Anode Cap from the CRT.
3. Remove the main board by pulling it with both hands.

Warning: The FBT is charged with high voltage.
Before removing the Anode Cap, discharge the voltage
through one of the heat sinks on the main board.

3-3 Speaker Removal

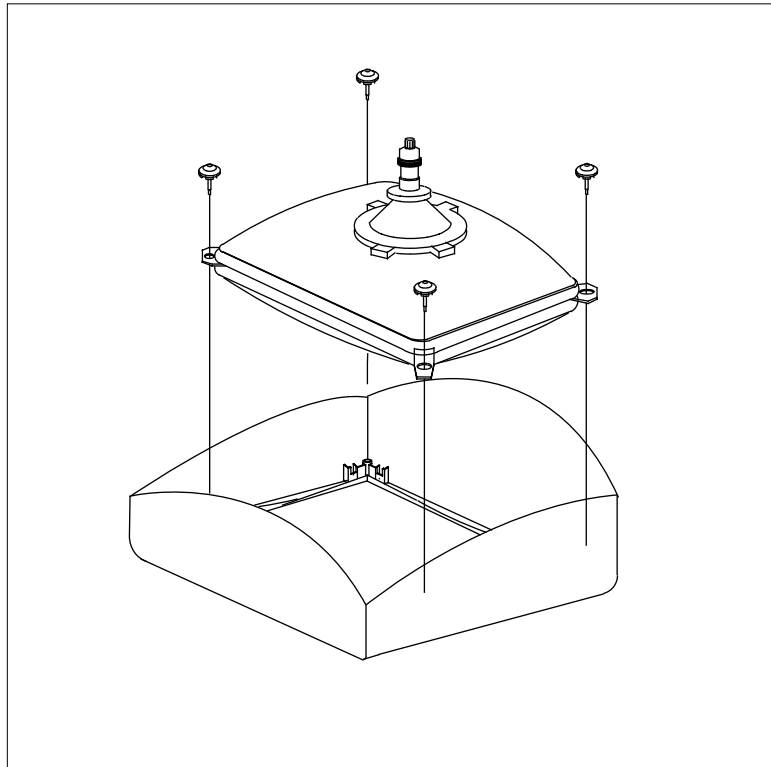


1. Remove the speaker by pressing the tension rib.



1. Remove the screws.
2. Remove the speaker by pressing the tension rib.

3-4 CRT Removal



1. Spread a soft mat on the floor. Place the TV set face down.
2. Remove the 4 nuts mounting the CRT to the front cabinet. Lift the CRT.
3. **Caution:** Because of the high vacuum and large surface area of the picture tube, be careful while handling it: (1) Always lift the picture tube by grasping it firmly around the faceplate, (2) Never lift the tube by its neck. (3) Do not scratch the picture tube or apply excessive pressure. Fractures of the glass may cause an implosion.

4. Alignment and Adjustments

4-1 Preadjustment

4-1-1 Factory Mode

1. Do not attempt these adjustments in the Video Mode.
2. The Factory Mode adjustments are necessary when either the EEPROM (IC202) or the CRT is replaced.
3. Do not tamper with the "Adjustment" screen of the Factory Mode menu. This screen is intended only for factory use.

4-1-2 When EEPROM (IC202) Is Replaced

1. When IC202 is replaced all adjustment data revert to initial values. It is necessary to re-program this data.
2. After IC202 is replaced, warm up the TV for 10 seconds.

4-1-3 When CRT Is Replaced

1. Make the following adjustments AFTER setting up after setting up purity and convergence :

White Balance
Sub-Brightness
Vertical Center
Vertical Size
Horizontal Size
Fail Safe (This adjustment must be the last step).

2. If the EEPROM or CRT is replaced, set PVA to 40 (factory mode) and set SC as follows.

14 inch : 0
20 inch : 9
21 inch : 9
21 inch Flat : 10

4-2 Factory/Service Mode

4-2-1 Procedure for the "Adjustment" Mode

1. This mode uses the standard remote control. The Service Mode is activated by entering the following remote-control sequence :
 - (1) DISPLAY→FACTORY.
 - (2) STAND-BY→ DISPLAY→ MENU→ MUTE →POWER ON.
2. The "SERVICE (FACTORY)" message will be displayed. The Service Mode has four components: ADJUST, OPTION and Reset.
3. Access the Adjustment Mode by pressing the "VOLUME" keys (Up or Down). The adjustment parameters are listed in the accompanying table, and selected by pressing the CHANNEL keys (▲ , ▼).

4. Selection sequences for the all system:

DOWN or UP key:
SCT>SBT>BLR>BLB>RG>GG>BG>VSL>
VS>VA>HS>SC>SDL>STT>SSP>PDL>
NDL>PSR>NSR>AGC>VOL>LCO>TXP

5. The VOLUME keys increase or decrease the adjustment values (stored in the non-volatile memory) when Adjustment Mode is cancelled.
6. Cancel the Adjustment Mode by re-pressing the "FACTORY" or "Power OFF" keys.

4-2-2 Main Adjustment Parameter

OSD	FUNCTION	RANGE	INITIAL DATA	REMARK
SCT	Sub Contrast	0 ~ 23	13	
SBT	Sub Brightness	0 ~ 23	9	
BLR	Black Level offset Blue	0 ~ 15	9	
BLB	Black Level offset Red	0 ~ 15	7	
RG	Red Gain	0 ~ 63	32	
GG	Green Gain	0 ~ 63	25(Fix)	
BG	Blue Gain	0 ~ 63	31	
VSL	Vertical Slope	0 ~ 63	19	
VS	Vertical Shift	0 ~ 63	38	
VA	Vertical Amplitude	0 ~ 63	40(Fix)	
HS	Horizontal Shift	0 ~ 63	30	
SC	S-Correction	0 ~ 63	9	
CDL	Cathode Drive Level	0 ~ 15	9	
STT	Sub Tint	0 ~ 7	3	
SSP	Sub Sharpness	0 ~ 7	0	
PDL	PAL Delay	0 ~ 15	15(Fix)	
NDL	NTSC Delay	0 ~ 15	10	
PSR	PAL Sub color	0 ~ 23	2	
NSR	NTSC Sub color	0 ~ 23	5	
AGC	Automatic Gain Control	0 ~ 63	23	
VOL	Volume pre setting	0 ~ 63	10	
LCO	SECAM-L Vision IF	0 ~ 1	0	
TXP	TTX Position	0 ~ 15	9	

NOTE : PVS,PVA, PHS, parameters must be aligned using the 50Hz vertical-field rates.

4-2-3 Option Bytes

In the Service Mode, various can be selected via the Option Table. Example:

Option Table : xx xx xx xx

1	LNA	ON
2	SYSTEM	CZ
3	AUDIO	MONO
4	JACK	RCA
5	ZOOM	NOR/ZOOM/16:9
6	AUTO POWER	ON
7	SBL	OFF
8	2nd SIF	ON
9	HOTEL MODE	OFF
10	BKS	ON
11	HIGH DEVIA	OFF

4-2-4 RESET

The Reset Mode is used during factory inspection.
Function Reset:

1. Picture	Custom
2. Auto Volume	Off
3. Color System	Auto (option)
4. Sound System	D/K (option)
5. Blue Screen	Off
6. Low Noise AMP	Off (option)
7. Volume	10
8. CH. Skip	Erased
9. CH. Lock	Off
10. Timer	Off

4-3 Other Adjustments

4-3-1 General

1. Usually, a color TV needs only slight touch-up adjustment upon installation. Check the basic characteristics such as height, horizontal and vertical sync and focus.
2. The picture should have good black and white details. There should be no objectionable color shading; if color shading is present, perform the purity and convergence adjustments described below.
3. Use the specified test equipment or its equivalent.
4. Correct impedance matching is essential.
5. Avoid overload. Excessive signal from a sweep generator might overload the front-end of the TV. When inserting signal markers, do not allow the marker generator to distort test results.
6. Connect the TV only to an AC power source with voltage and frequency as specified on the backcover nameplate.
7. Do not attempt to connect or disconnect any wires while the TV is turned on. Make sure that the power cord is disconnected before replacing any parts.
8. To protect against shock hazard, use an isolation transformer.

4-3-2 Automatic Degaussing

A degaussing coil is mounted around the picture tube, so that external degaussing after moving the TV should be unnecessary. But the receiver must be properly degaussed upon installation.

The degaussing coil operates for about 1 second after the power is switched ON. If the set has been moved or turned in a different direction, disconnect its AC power for at least 30 minutes.

If the chassis or parts of the cabinet become magnetized, poor color purity will result. If this happens, use an external degaussing coil. Slowly move the degaussing coil around the faceplate of the picture tube and the sides and front of the receiver. Slowly withdraw the coil to a distance of about 6 feet before removing power.

4-3-3 High Voltage Check

CAUTION: There is no high voltage adjustment on this chassis. The B+ power supply must be set to +125 volts (Full color bar input and normal picture level).

1. Connect a digital voltmeter to the second anode of the picture tube.
2. Turn on the TV. Set the Brightness and Contrast controls to minimum (zero beam current).
3. The high voltage should not exceed 30KV.
4. Adjust the Brightness and contrast controls to both extremes. Ensure that the high voltage does not exceed 30KV under any conditions.

4-3-4 FOCUS Adjustment

1. Input a black and white signal.
2. Adjust the tuning control for the clearest picture.
3. Adjust the FOCUS control for well defined scanning lines in the center area of the screen.

4-3-5 Cathode Voltage Adjustment (Screen Adjustment)

1. Connect CRT socket pin GK to an oscilloscope probe.
2. Input a gray scale pattern. (Use a pattern generator, PM5518)
3. Use the P mode key (on the remote control) for the STANDARD picture.
4. Adjust the Screen VR (on the FBT) so that the voltage on the oscilloscope becomes $125 \pm 2.5V$ (See Fig. 4-1).

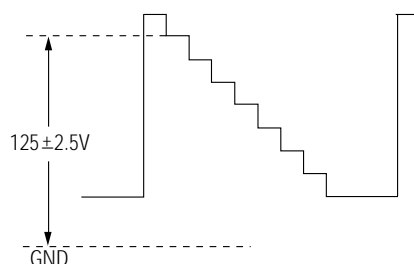


Fig. 4-1

4-3-6 Purity Adjustment

1. Warm up the receiver for at least 20 minutes.
2. Plug in the CRT deflection yoke and tighten the clamp screw.
3. Plug the convergence yoke into the CRT and set in as shown in Fig. 4-2.
4. Input a black and white signal.
5. Fully demagnetize the receiver by applying an external degaussing coil.
6. Turn the CONTRAST and BRIGHTNESS controls to maximum.
7. Loosen the clamp screw holding the yoke. Slide the yoke backward or forward to provide vertical green belt. (Fig. 4-3).
8. Tighten the convergence yoke.
9. Slowly move the deflection yoke forward, and adjust for the best overall green screen.
10. Temporarily tighten the deflection yoke.
11. Produce blue and red rasters by adjusting the low-light controls. Check for good purity in each field.
12. Tighten the deflection yoke.

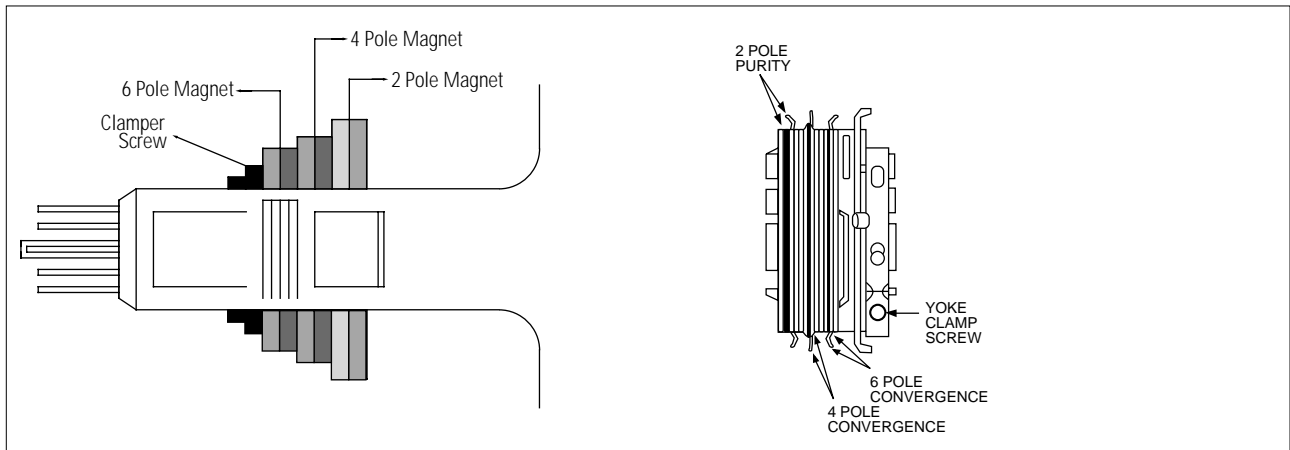


Fig. 4-2 Convergence Magnet Assembly

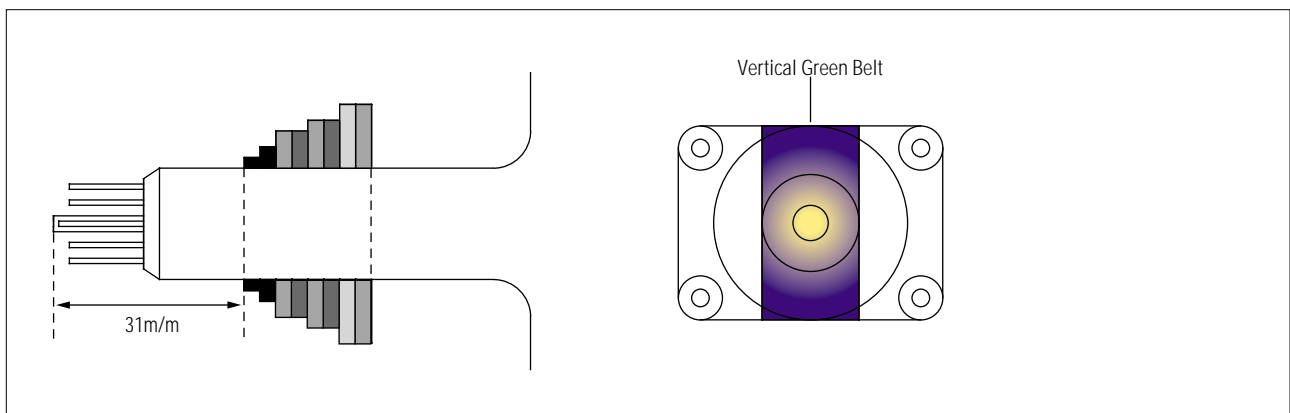


Fig. 4-3 Center Convergence Adjustment

4-3-7 White Balance Adjustment

(a) Set up

1. Warm up the TV for at least 30 minutes in the Aging Mode (OSD White). This mode is displayed by entering the following sequence:

DISPLAY → FACTORY → FACTORY

2. Input a Toshiba pattern.

(b) Low-Light Adjustment

1. Set SBT to 2.5 ± 0.5 fL in the Factory Service Mode with using CA100. See Fig. 4-4 ②.
2. Adjust RG,BG so that the levels are suitable to each local area.

(c) High-Light Adjustment

1. Set SCT to 50 FL (21" Flat) in the Factory Service Mode with using CA100. See Fig. 4-4 ①.

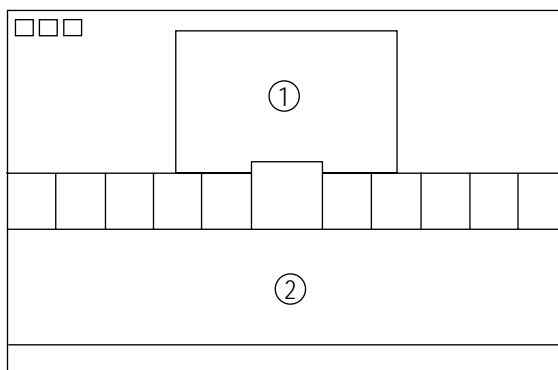


Fig. 4-4

4-3-8 Center Convergence Adjustment

1. Warm up the receiver for at least 20 minutes.
2. Adjust the two tabs of the 4 pole magnets to change the angle between them. Superimpose the red and blue vertical lines in the center area of the screen.
3. Adjust the Brightness and Contrast controls for a well defined picture.
4. Adjust the two-tab pairs of the 4 pole magnets, and change the angle between them. Superimpose the red and the blue vertical lines in the center area of the screen.
5. Turn the both tabs at the same time, keeping the angle constant, and superimpose the red and blue horizontal line in the center of the screen.
6. Adjust the two-tab pairs of the 6-pole magnets to superimpose the red and blue line onto the green. (Changing the angle affects the vertical lines, and rotating both magnets affects the horizontal lines.)
7. Repeat adjustments 2~6, if necessary.
8. Since the 4-pole magnets and 6-pole magnets interact, the dot movement is complex (Fig. 4-5).

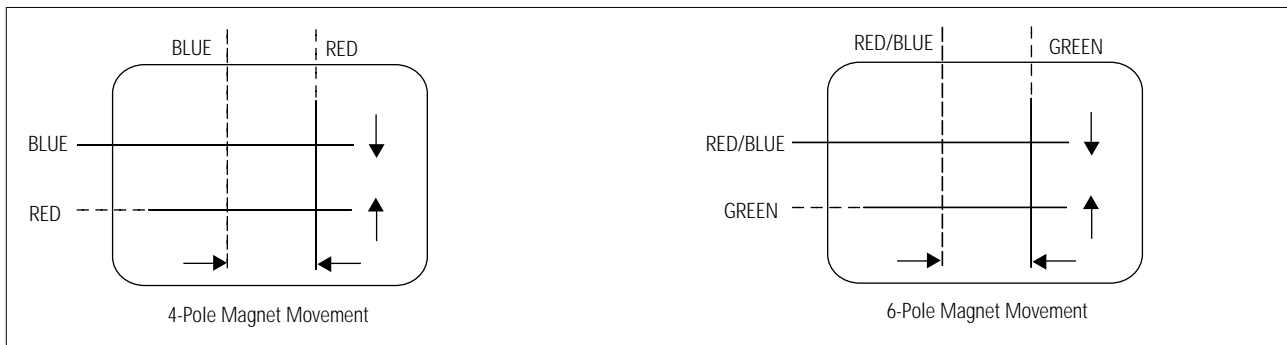


Fig. 4-5 Center Convergence Adjustment

4-3-9 RF AGC Adjustment

Set the AGC data to 23 (Factory Mode).

4-3-10 Sub-Color Adjustment

Set $\frac{PSR}{NSR}$ data to $\frac{2}{5}$ (Factory Mode).

4-3-11 Geometry Adjustment

SC → VS → VSL → HS

1. Input a lion head pattern (in the PAL channel).
2. Set the SC (S-Correction) as follows :
10(21" Flat) , 9 (21"), 9 (20"), 0 (14")
and VA 40 so that the lion
head circle becomes oval.
3. Adjust with VS (Vertical shift) so that the top
margin of the picture is 4.

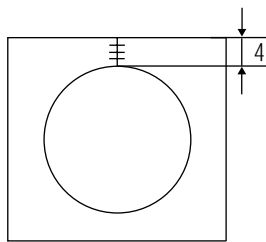


Fig. 4-7

4. Adjust with VSL (Vertical-Slope) so that the
bottom margin of the picture is 4.

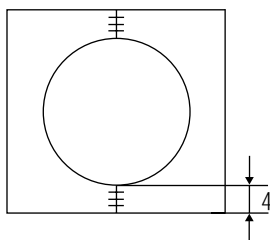


Fig. 4-8

5. Adjust with HS (Horizontal Shift) so that the
lion-head pattern and CRT centers are aligned.

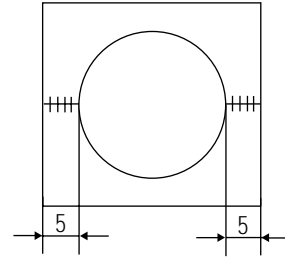
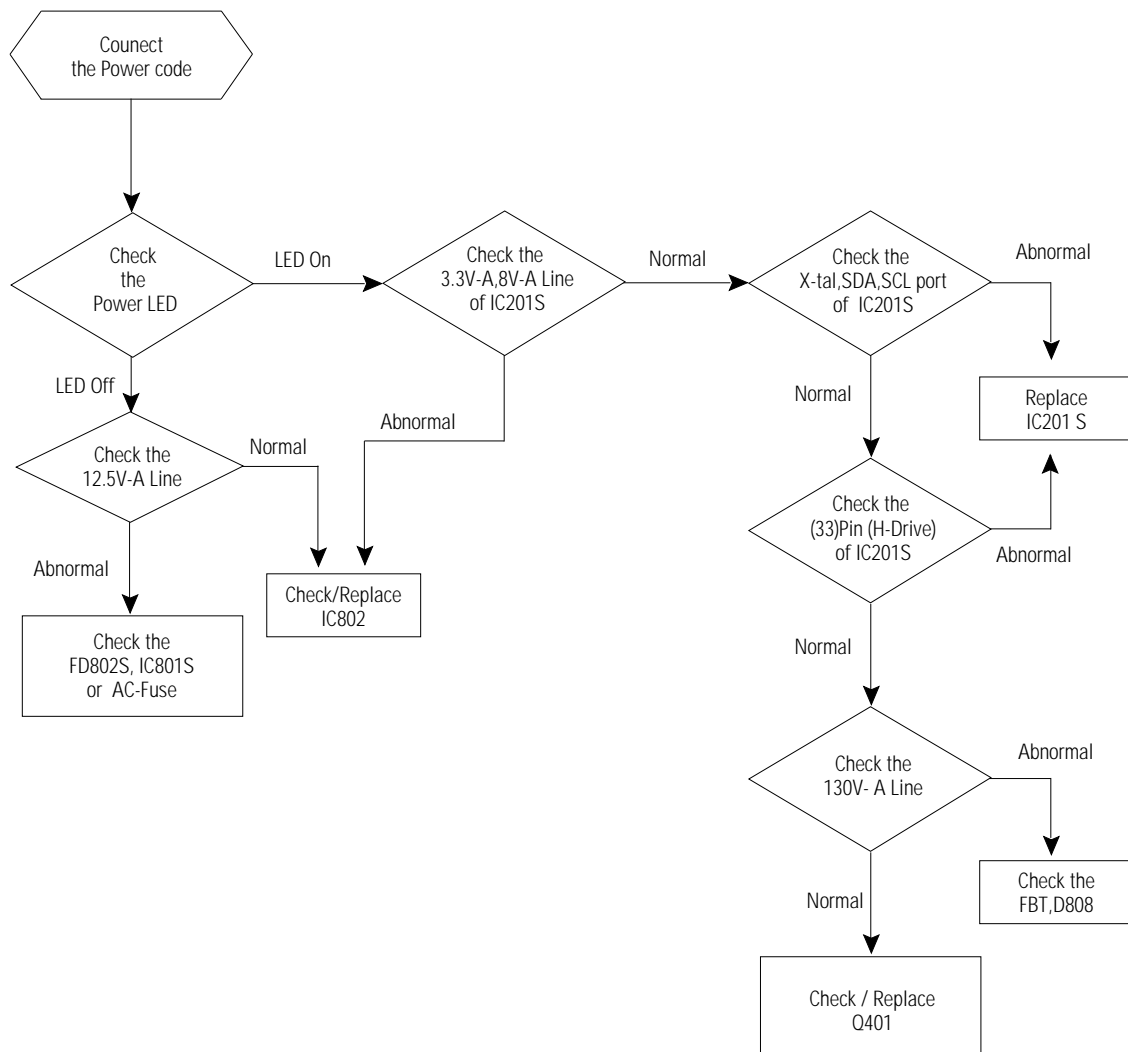


Fig. 4-9

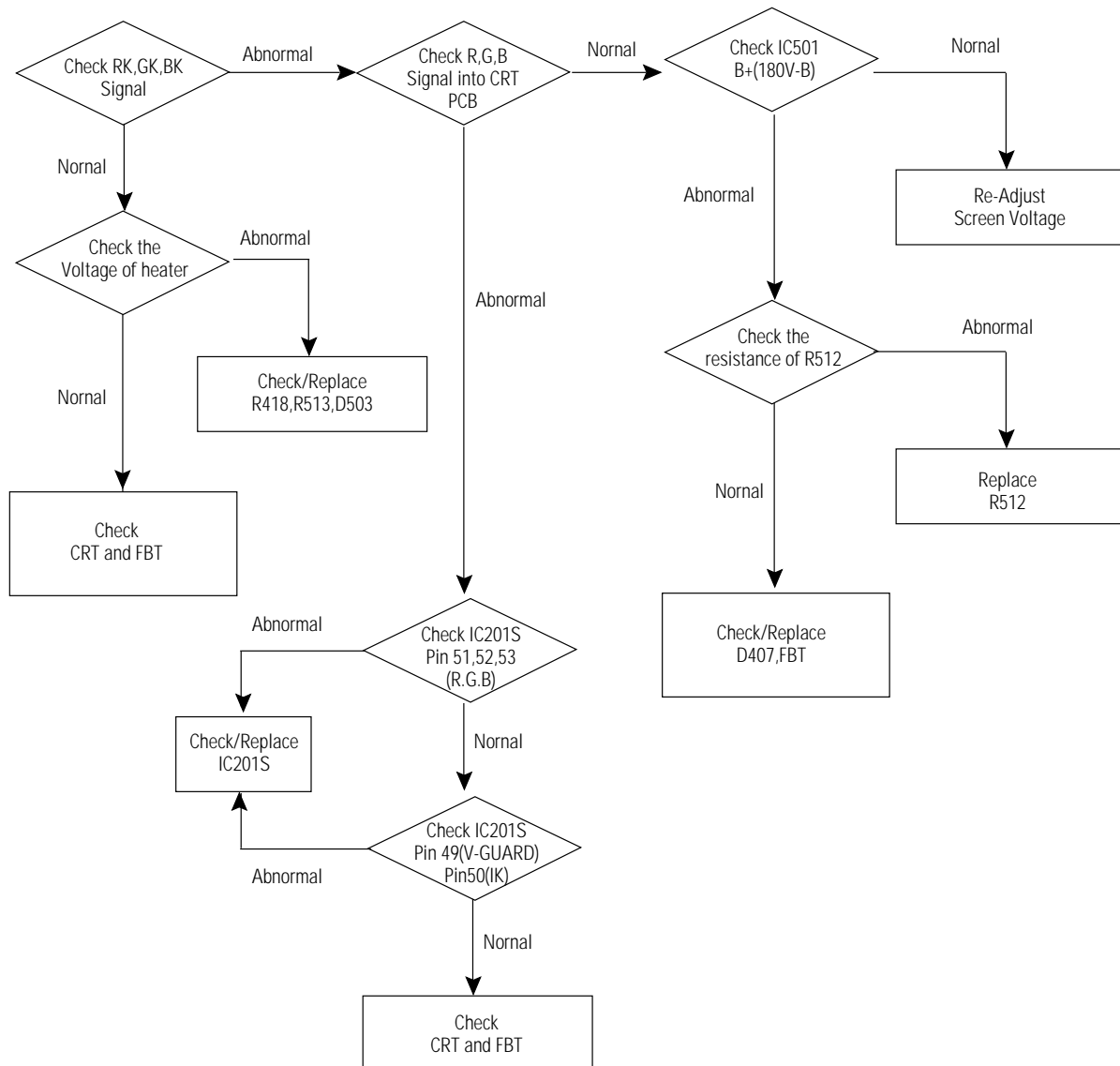
6. Adjust HS (using the width coil) so that the
left and right margins of the picture are 5.

5. Troubleshooting

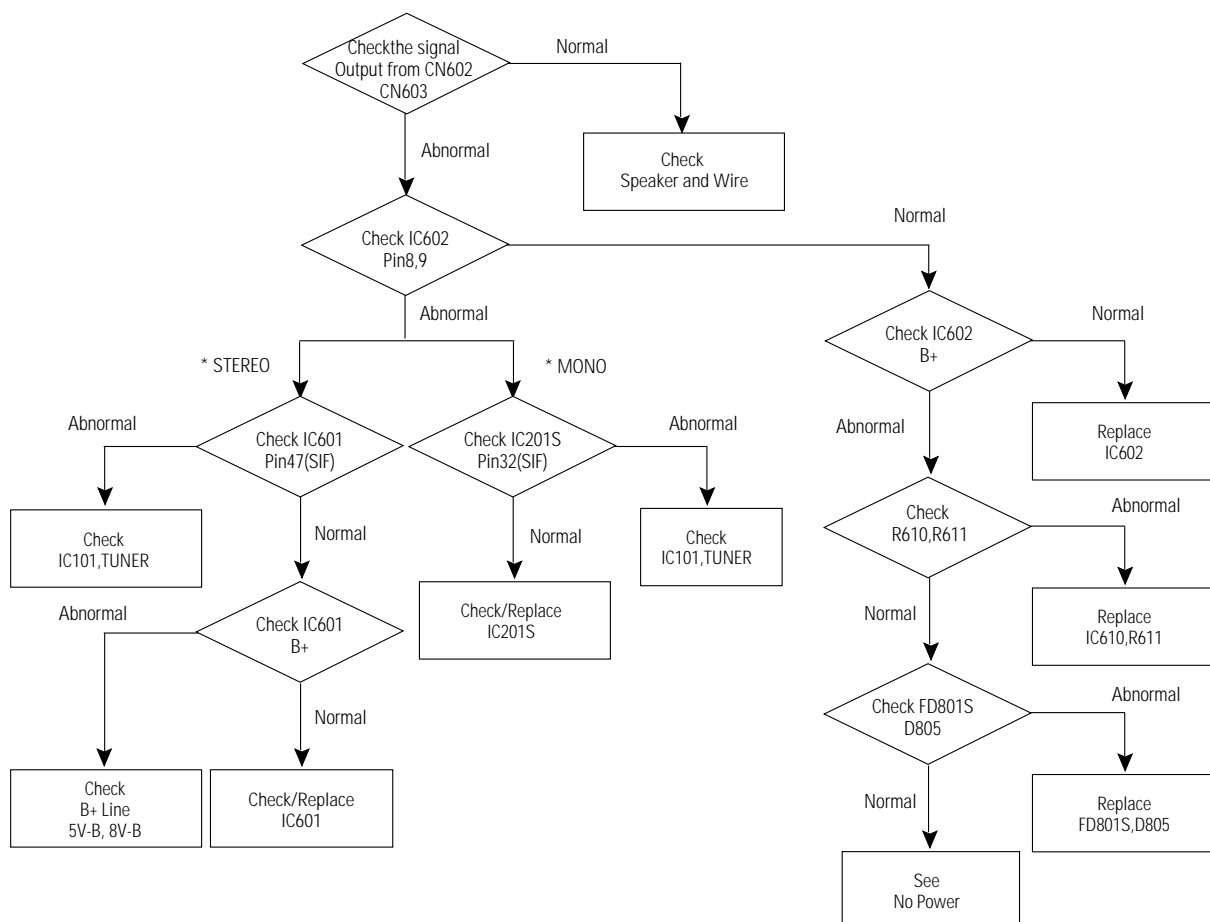
5-1 No Power



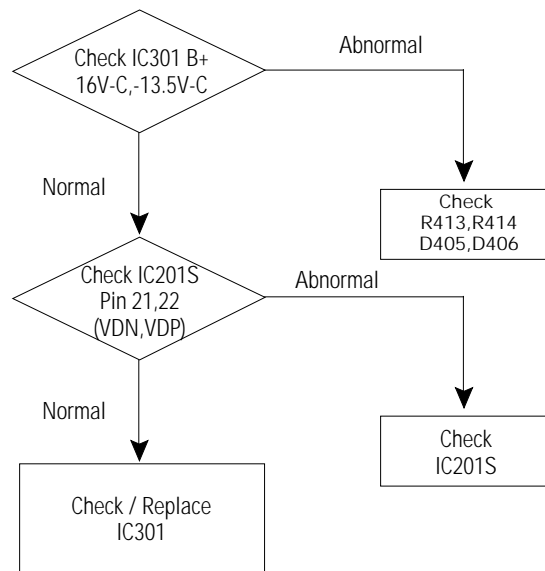
5-2 No Video (Sound OK)



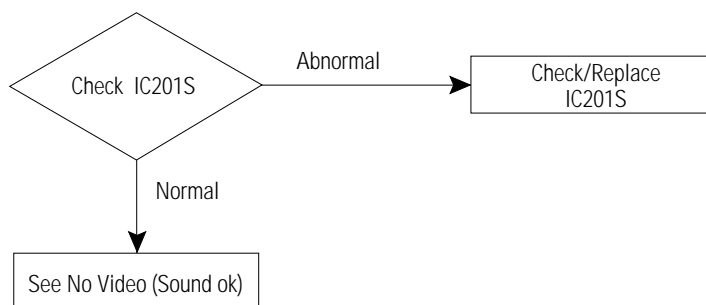
5-3 No Sound (Video OK)



5-4 Horizontal Lines Appear on Screen

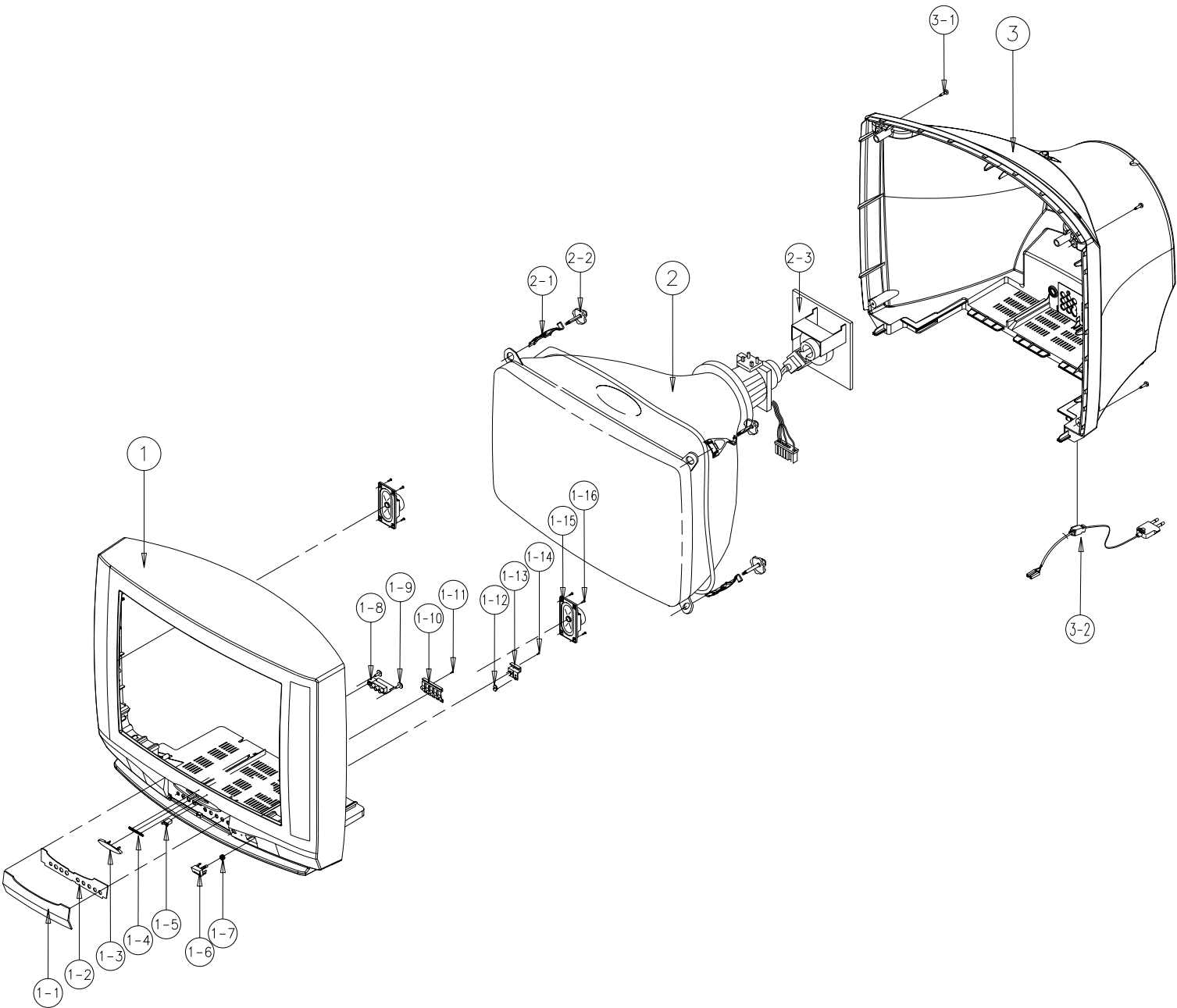


5-5 No TTX



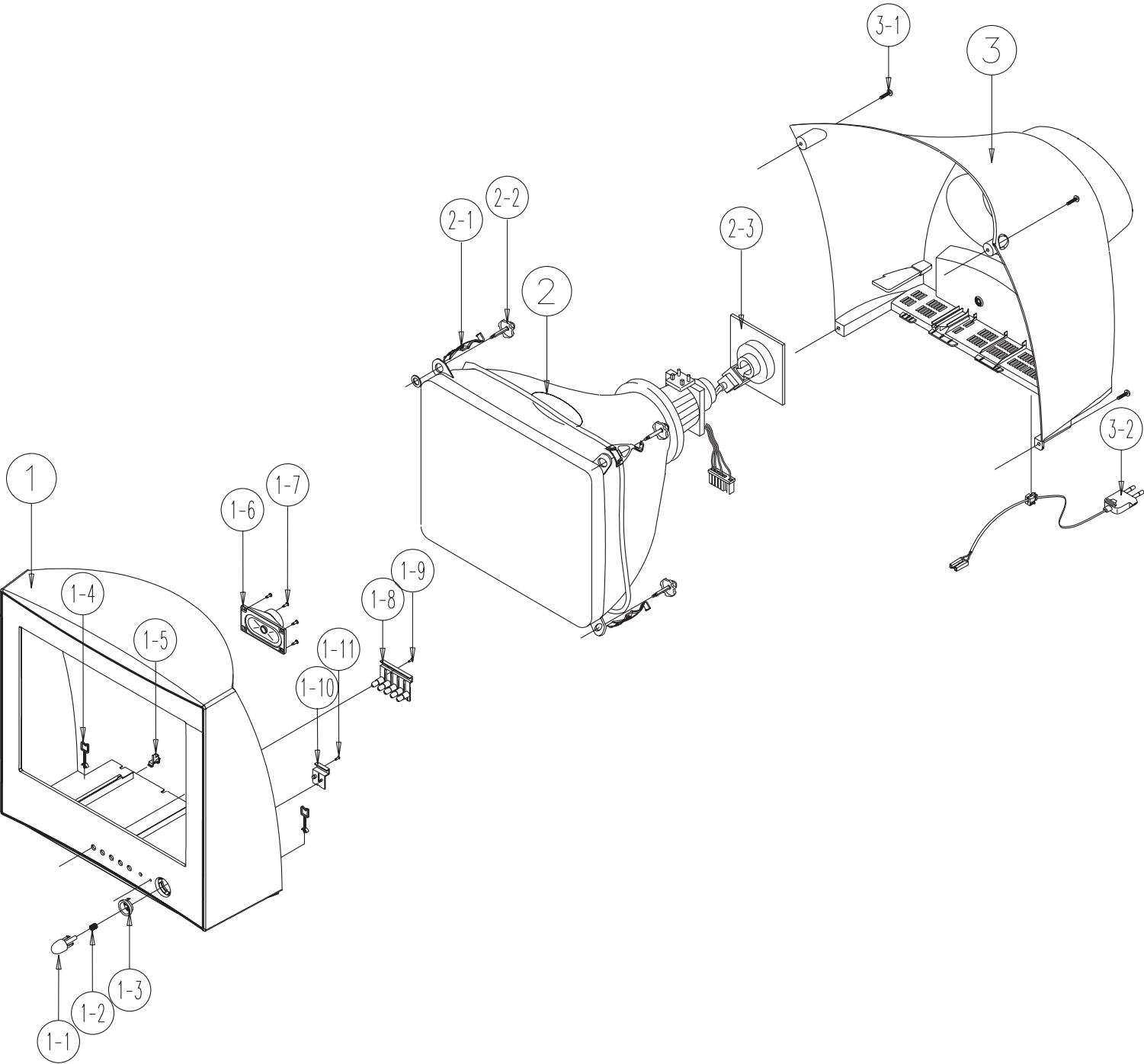
6. Exploded View & Parts List

6-1 CS21C71NSDXEC



No	Code No	Description	Specification	Q'ty	S.N.A	Remark
1	HA91-04035B	ASSY CABINET FRONT;21C7,KS1B,VL-1823,SV		1		
1*	AA64-02379E	CABINET-FRONT;21C7,VL-1823,SV-012P-II,GR		1		
1-1	HA64-27006A	DOOR-CONTROL;;21C7,HIPS,HB,SV-012P-II		1		
1-2	AA64-01059B	INLAY CONTROL;21C7,PS SHEET,T0.3,-,-,-,K		1		
1-3	HA64-01058B	DECORATION-COVER;21C7,PC,VO,VIOLET		1		
1-4	AA64-70010B	BADGE-BRAND;-AL,-,-,L50,-,SILVER,SS R20		1		
1-5	AA61-30001A	LATCH-DOOR;-,-,-,-,-,KIFUCO LA701		1		
1-6	HA64-25006A	KNOB-POWER;21C7,HIPS,SV-012P-II,SILVER		1		
1-7	AA61-60003T	SPRING ETC-CS;-SUS304,-,-,OD7,N5,OD7,-,		1		
1-8	AA95-01557A	ASSY ETC-PCB A/V BOARD;;XX44-3C,KS3A		1		
1-9	6003-001024	SCREW-TAPTITE;RWH,+,B,M4,L12,ZPC(YEL),SW		2	AV+CF	
1-10	AA64-02470B	KNOB CONTROL;21C7,HIPS,HB,SV-012P-II,GRY		1		
1-11	6002-000515	SCREW-TAPPING;RH,+,2,M4,L15,ZPC(WHT),SWR		1	KC+CF	
1-12	AA64-02465A	INDICATOR LED;21C7,ACRYL,CLR		1		
1-13	AA64-02455A	WINDOW REMOCON;21C7,PC,VO,VIOLET		1		
1-14	6002-000515	SCREW-TAPPING;RH,+,2,M4,L15,ZPC(WHT),SWR		1	WR+CF	
1-15	3001-000274	SPEAKER;5W,80HM,90DB,160HZ		2		
1-16	6002-000515	SCREW-TAPPING;RH,+,2,M4,L15,ZPC(WHT),SWR		8	SPK+CF	
2	AA94-11633A	ASSY CRT;+,450MG,21,ITC,A51EFS83X191,9		1		
2-1	AA65-30113A	CLAMPER CORE-D,COIL;-NYLON 66,V2,-,BLK,		4		
2-2	AA60-10050Q	SCREW-ASSY;-SWRCH18A,M5,L26.5,HH,+,WC,-		4	CRT+CF	
2-3	3704-001105	SOCKET-CRT;11P,20PI,26.5PI,NI,-		1	V999S	
3	HA64-02364B	CABINET-BACK;21C7,VL-1823,GRAY		1		
3-1	6002-000515	SCREW-TAPPING;RH,+,2,M4,L15,ZPC(WHT),SWR		4	CB+CF	
3-2	AA96-01126A	ASSY POWER CORD;DP,AA39-10001G,CP2,H/C25		1	P/CORD	

6-2 CS21K22TSDXXEH



No	Code No	Description	Specification	Q'ty	S.N.A	Remark
1	HA91-00856C	ASSY CABINET FRONT;21K2,KS1B,FLAT,COR-P		1		
1*	AA64-02387C	CABINET-FRONT;21K2,HIPS,HB,SV-012P-II+PW		1		
1-1	AA64-02092C	KNOB POWER;21K2,HIPS,HB,GD-906P		1		
1-2	AA61-60003J	SPRING ETC-CS;-SUS304,-,-,OD6,N7,OD6,-,		1		
1-3	HA64-01697B	DECORATION-POWER;DECORATION-POWER;15K2,P		1		
1-4	AA65-30105A	CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,		2		
1-5	AA95-01425A	ASSY ETC-PCB A/V FRONT;,CS21K22,KS1B,MON		1		
1-6	AA96-00853A	ASSY SPEAKER;;160HM,3W,3001-001039,700		1		
1-7	6002-000515	SCREW-TAPPING;RH,+,2,M4,L15,ZPC(WHT),SWR		4		SPK+CF
1-8	AA64-01702C	KNOB CONTROL;21K2,HIPS,HB,GD-906P,GRY		1		
1-9	6002-000515	SCREW-TAPPING;RH,+,2,M4,L15,ZPC(WHT),SWR		1		KC+CF
1-10	HA64-01694B	WINDOW-RMC,LED;15K2,ACRYL,CLR		1		
1-11	6002-000515	SCREW-TAPPING;RH,+,2,M4,L15,ZPC(WHT),SWR		1		LED+CF
2	AA94-05901A	ASSY CRT;A51ERF135X70,+380MG,51CM,YES,2		1		
2-1	AA65-30107A	CLAMPER CORE-D,COIL;20~22 INCH,NYLON 66,		4		
2-2	AA60-10050Q	SCREW-ASSY;-SWRCH18A,M5,L26.5,HH,+,WC,-		4		CRT+CF
2-3	3704-001105	SOCKET-CRT;11P,20PI,26.5PI,NI,-		1		V999S
3	HA64-02368B	CABINET BACK;21K2,VL-1823,GRY		1		
3-1	6002-000515	SCREW-TAPPING;RH,+,2,M4,L15,ZPC(WHT),SWR		4		CB+CF
3-2	AA96-01126A	ASSY POWER CORD;DP,AA39-10001G,CP2,H/C25		1		P/CORD

7. Electrical Parts List

7-1 CS21C71NSDXXEC

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
ASSY PCB MAIN(OPT)									
	1	AA94-08287A	ASSY PCB MAIN(OPT);CZ21C7,KS1B,STEREO						
△	2	D801S	0402-001399 DIODE-BRIDGE;GSI8660,600V,6A,SIP-4,BK		△	2	D406	0402-000540 DIODE-RECTIFIER;RU20A,600V,1.5A,-,TP	
△	2	D808	0402-001230 DIODE-RECTIFIER;FMG-G2CS,1000V,3A,TO-220		2	D303	0402-000546 DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T		
△	2	Q801	0502-000242 TR-POWER;KSA614,PNP,25W,TO-220,TP40-24		△	2	D407	0402-000546 DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
△	2	PC801S	0604-001038 PHOTO-COUPLER;TR,130-260%,200mW,DIP-4,ST		2	D501	0402-001105 DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-,		
2	IC202	1103-001106 IC-EEPROM;C81DC,1028x8Bit,DIP8P,300MIL,		2	D502	0402-001105 DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-,			
2	IC101	1204-001583 IC-IF CIRCUIT;U4468B,DIP16P,-,PLASTIC,5		2	D503	0402-001105 DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-,			
△	2	NT802S	1404-001045 THERMISTOR-NTC;4.7ohm,15%,2900K,35.0mW,T		△	2	D801	0402-001111 DIODE-RECTIFIER;1N5397/GP600V,1.5A,DO-20	
△	2	PT801S	1404-001156 THERMISTOR-PTC;90HM,+30%/-20%,220VRMS,27		△	2	D402	0402-000132 DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
△	2	CX801S	C-FILM,MPPF;220nF,20%,250V,TP,-,22.5mm		△	2	D403	0402-000132 DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
△	2	CX802S	C-FILM,MPPF;220nF,20%,250V,TP,-,22.5mm		2	DZ101	0403-000508 DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		
△	2	CR402S	C-FILM,PPF;5.5nF,5%,1.6kV,TP,29x9.5x17.2		2	DZ201	0403-000508 DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		
2	C803	2401-003025 C-AL;330uF,20%,400V,GP,ST,30x40,10		2	DZ213	0403-000508 DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500			
2	C821	2401-003633 C-AL;220uF,20%,160V,GP,ST,22X25MM,1		2	DZ214	0403-000508 DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500			
△	2	SF101S	FILTER-SAW AV;38.9MHz,SIP5K,ST,18dB,B/G,		2	DZ215	0403-000508 DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		
△	2	SF103S	FILTER-SAW AV;38.9MHz,SIP5K,ST,16.3dB,B/		2	DZ402	0403-000508 DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		
△	2	SW801S	3403-001107 SWITCH-PUSH;250V,5A,DPST,-,KDC-A04		2	DZ504	0403-000508 DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		
△	2	V999S	3704-001105 SOCKET-CRT;11P,20PI,26.5PI,NI,-		2	DZ805	0403-000508 DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		
2	JA701	3722-000183 JACK-SCART;21P4mm,SN,BLK,NO		2	DZ806	0403-000508 DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500			
△	2	IC201S	IC MICOM;TDA9351/N2/3,SPM-802EW2,64P,3.3		2	DZ807	0403-000508 DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		
△	2	T444S	TRANS FBT;FSV-14B003(H)(S),CT15A8,4.3MH,12		2	DZ802	0403-000699 DIODE-ZENER;TZP27B,27V,27-30.8V,1W,DO-41		
△	2	T801S	TRANS SWITCHING;CS21S5T,AC160-320V,PM5		2	DZ306	0403-000700 DIODE-ZENER;TZP33A,33V,31-35V,1W,DO-41,T		
△	2	T401B	TRANS-HORIZ.DRIVE;-,-,80MH,-,-,520UH,-		2	DZ811	0403-000700 DIODE-ZENER;TZP33A,33V,31-35V,1W,DO-41,T		
2	L808	AA27-00098A COIL-CHOKE;-,-,24uH,10%,-,0.1,3.0A,DR10X		2	DZ207	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500			
△	2	LR401S	COIL LINEARITY;-,-,195uH,QIC1010,PIO.4,4.5		2	DZ209	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500		
△	2	LX801S	FILTER LINE NOISE;-,-,6mH,2.45A,-,-		2	DZ210	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500		
2	TOP	AA39-20010B LEAD CONNECTOR-ASSY;1P,YFH800-01,S,500,		2	DZ211	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500			
2	BOT	AA39-20010B LEAD CONNECTOR-ASSY;1P,YFH800-01,S,500,		2	DZ212	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500			
2	CN501	AA39-20604A LEAD CONNECTOR-ASSY;5/4PYBNH250-09,YBN		2	DZ216	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500			
2	TU01S	AA40-00076A TUNER;TECC0949PG35A(S),PAL,181CH,38.		2	DZ220	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500			
2	RM201	AA32-00015A MODULE REMOCON;FRP-3521H31,38KHZ,940MM,M		2	DZ221	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500			
△	2	IC802	AA96-00846A ASSY H/S;POWER,AA62-00055A,KA7632		2	DZ501	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500		
3	IC802	1203-001939 IC-POS.I.FIXED REG.;7632,SIP,10P,-,PLASTI		2	DZ502	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500			
3	H/S802	AA62-00055A HEAT SINK-PS;-,-,T1.0,-,35*15*25,D1,-,-,		2	DZ503	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500			
3	SCR802	6003-000334 SCREW-TAPTITE;RH,+2S,M3,L6,ZPC(YEL),SWR		2	DZ701	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500			
2	LD201	AA96-00555A ASSY LED GUIDE;-,-,UEX-LD-030,GREEN		2	DZ702	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500			
2	IC301	AA96-00849A ASSY H/S;AA62-00056A,LA7845		2	DZ703	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500			
3	IC301	1204-000517 IC-VERTICAL DEF;LA7845,SIP,7P,-,PLASTIC		2	DZ704	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500			
3	SCR301	6003-000334 SCREW-TAPTITE;RH,+2S,M3,L6,ZPC(YEL),SWR		2	DZ808	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500			
3		AA62-00056A HEAT SINK-PS;-,-,T1.0,-,41*35*70,D2,-,-,		2	DZ601	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500			
3		0205-000129 GREASE-SILICON;SC102,JAPAN		2	DZ602	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500			
2	IC501	AA96-00842A ASSY H/S;VIDEO,AA62-30175D,TDA6107Q		2	DZ202	0403-000720 DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500			
3	IC501	1201-001541 IC-VIDEO AMP;6107,ZSIP,9P,-,SINGLE,-,PLA		2	DZ801	0403-001211 DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D			
3	SCR501	6003-000334 SCREW-TAPTITE;RH,+2S,M3,L6,ZPC(YEL),SWR		2	DZ303	0403-001221 DIODE-ZENER;UZ39BS,35.36-37.19V,500MW,D			
3	H/S501	AA62-30175D HEAT SINK-PS;-,-,SECC,T1.0,-,33X15X30 FT-2		2	DZ809	0403-001317 DIODE-ZENER;MTZJ3.0B,3.01-3.22V,500mW,DO			
△	2	IC801S	AA96-00851A ASSY H/S;POWER,AA62-30181K,5Q1265RT		2	DZ204	0403-001319 DIODE-ZENER;MTZJ4.7C,4.68-4.93V,500mW,DO		
3		1203-002257 IC-PWM CONTROLLER;5Q12656RT,TO-220F-5L,5		2	DZ205	0403-001319 DIODE-ZENER;MTZJ4.7C,4.68-4.93V,500mW,DO			
3		6003-000333 SCREW-TAPTITE;RH,+2S,M3,L10,ZPC(YEL),SW		2	DZ206	0403-001319 DIODE-ZENER;MTZJ4.7C,4.68-4.93V,500mW,DO			
3		AA62-30181K HEAT SINK-ES;-,-,AL6063 EXTR.,2,WHT,40MM,-		2	DZ810	0403-001319 DIODE-ZENER;MTZJ4.7C,4.68-4.93V,500mW,DO			
3		0205-000129 GREASE-SILICON;SC102,JAPAN		2	DZ403	0403-001322 DIODE-ZENER;MTZJ8.2B,7.78-8.19V,500mW,DO			
3		HA68-02189A LABEL-WARNING;33MM,18MM,WHITE		2	DZ804	0403-001327 DIODE-ZENER;MTZJ18A,16.22-17.06V,500mW,D			
2		HA68-02176A LABEL-LABEL		2	DZ301	0403-001328 DIODE-ZENER;MTZJ22A,20.15-21.20V,500mW,D			
2	D206	0401-000005 DIODE-SWITCHING;1N4148,100V,200mA,DO-35,		2	DZ305	0403-001328 DIODE-ZENER;MTZJ22A,20.15-21.20V,500mW,D			
2	D208	0401-000005 DIODE-SWITCHING;1N4148,100V,200mA,DO-35,		2	DZ302	0403-001329 DIODE-ZENER;MTZJ24B,22.61-23.77V,500mW,D			
2	D301	0401-000005 DIODE-SWITCHING;1N4148,100V,200mA,DO-35,		2	Q205	0501-000283 TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T			
△	2	D804	0401-000005 DIODE-SWITCHING;1N4148,100V,200mA,DO-35,		2	Q206	0501-000283 TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T		
2	D102	0401-000005 DIODE-SWITCHING;1N4148,100V,200mA,DO-35,		2	Q301	0501-000283 TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T			
2	D103	0401-000005 DIODE-SWITCHING;1N4148,100V,200mA,DO-35,		2	Q209	0501-000283 TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T			
△	2	D803	0401-000006 DIODE-SWITCHING;BAV21,250V,250mA,DO-35,T		2	Q203	0501-000389 TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T		
2	D504	0402-000010 DIODE-RECTIFIER;RGP15G,400V,1.5A,DO-204A		2	Q207	0501-000389 TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T			
△	2	D802	0402-000254 DIODE-RECTIFIER;RGP10J,600V,1A,DO-41,TP		2	Q208	0501-000389 TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T		
△	2	D401	0402-000493 DIODE-RECTIFIER;1R5GU41,400V,1.5A,DO-15L		2	Q601	0501-000389 TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T		
△	2	D807	0402-000493 DIODE-RECTIFIER;1R5GU41,400V,1.5A,DO-15L		2	Q602	0501-000389 TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T		
△	2	D405	0402-000534 DIODE-RECTIFIER;RG10V,400V,1.2A,DO-201,T		2	Q102	0501-000389 TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T		
					2	Q106	0501-000389 TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T		
					2	Q210	0501-000389 TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T		
					△	2	IC803	1203-001217 IC-POS.ADJUST REG.;431,TO-92,3P,4.58MIL	
					△	2	VX801S	1405-000187 VARISTOR;750V,1250A,12.5x7mm,TP	

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
2	R230	2001-000005	R-CARBON;390ohm,5%,1/8W,AA,TP;1.8X3.2mm		2	R281	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP;1.8X3.2M	
2	R266	2001-000005	R-CARBON;390ohm,5%,1/8W,AA,TP;1.8X3.2mm		2	R701	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R269	2001-000005	R-CARBON;390ohm,5%,1/8W,AA,TP;1.8X3.2mm		2	R228	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R279	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R229	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R112	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R814	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R118	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R245	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP;1.8X3.2M	
2	R289	2001-000011	R-CARBON;75KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R401	2001-000613	R-CARBON;3.3KOHM,5%,1/8W,AA,TP;1.8X3.2M	
2	R306	2001-000016	R-CARBON(S);10OHM,5%,1/2W,AA,TP;2.4X6.4MM		2	R627	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R623	2001-000019	R-CARBON(S);100HM,5%,1/2W,AA,TP;2.4X6.4M		2	R702	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R806	2001-000019	R-CARBON(S);100HM,5%,1/2W,AA,TP;2.4X6.4M		2	R208	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP;1.8X3.2M	
2	R624	2001-000019	R-CARBON(S);100HM,5%,1/2W,AA,TP;2.4X6.4M		2	R295	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP;1.8X3.2M	
2	R809	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,TP;2.4X6.4		2	R297	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP;1.8X3.2M	
2	R265	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP;1.8X3.2M		2	R104	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R268	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP;1.8X3.2M		2	R288	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R301	2001-000258	R-CARBON;1.8KOHM,5%,1/8W,AA,TP;1.8X3.2M		2	R201	2001-000793	R-CARBON;47OHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R618	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP;1.8X3.2M		2	R246	2001-000793	R-CARBON;47OHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R219	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R217	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R220	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R278	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R221	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R136	2001-000924	R-CARBON;680OHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R222	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R257	2001-000924	R-CARBON;680OHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R223	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R115	2001-000924	R-CARBON;680OHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R224	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R226	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R231	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R703	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R232	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R704	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R244	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R705	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R248	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R707	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R270	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R247	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R271	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R514	2001-001062	R-CARBON(S);10MOHM,5%,1/2W,AA,TP;2.4X6.4	
2	R272	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R805	2001-001086	R-CARBON(S);18KOHM,5%,1/2W,AA,TP;2.4X6.4	
2	R273	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R404	2001-001114	R-CARBON(S);270OHM,5%,1/2W,AA,TP;2.4X6.4	
2	R274	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R825	2001-001131	R-CARBON(S);33KOHM,5%,1/2W,AA,TP;2.4X6.4	
2	R275	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R803	2001-001150	R-CARBON(S);47KOHM,5%,1/2W,AA,TP;2.4X6.4	
2	R276	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R804	2001-001150	R-CARBON(S);47KOHM,5%,1/2W,AA,TP;2.4X6.4	
2	R277	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R807	2001-001170	R-CARBON(S);6.8OHM,5%,1/2W,AA,TP;2.4X6.4	
2	R296	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R808	2001-001170	R-CARBON(S);6.8OHM,5%,1/2W,AA,TP;2.4X6.4	
2	R504	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R810	2001-001192	R-CARBON(S);820OHM,5%,1/2W,AA,TP;2.4X6.4	
2	R505	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R501H	2002-001009	R-COMPOSITION;2.7Kohm,10%,1/2W,AA,TP;3.7	
2	R506	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R502H	2002-001009	R-COMPOSITION;2.7Kohm,10%,1/2W,AA,TP;3.7	
2	R101	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R511	2002-001009	R-COMPOSITION;2.7Kohm,10%,1/2W,AA,TP;3.7	
2	R102	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		△ 2	RX801S	2002-001011	R-COMPOSITION;3.3Mohm,5%,1/2W,AA,TP;3.7x	
2	R252	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		△ 2	RY801S	2002-001012	R-COMPOSITION;8.2Mohm,5%,1/2W,AA,TP;3.7x	
2	R603	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R408	2003-000540	R-METAL OXIDE(S);1Kohm,5%,2W,AF,TP;4x12m	
2	R604	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R830	2003-000586	R-METAL OXIDE(S);22Kohm,5%,2W,AF,TP;4x12	
2	R606	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R831	2003-000586	R-METAL OXIDE(S);22Kohm,5%,2W,AF,TP;4x12	
2	R607	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R801	2003-000994	R-METAL OXIDE(S);33Kohm,5%,2W,AF,TP;3.9x	
2	R206	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R802	2003-000994	R-METAL OXIDE(S);33Kohm,5%,2W,AF,TP;3.9x	
2	R207	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R818	2003-000998	R-METAL OXIDE;300ohm,5%,2W,AF,TP;3.9x10m	
2	R225	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R832	2003-001035	R-METAL OXIDE(S);27ohm,5%,2W,AF,TP;3.9x1	
2	R233	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R423	2003-002007	R-METAL OXIDE(S);4.7Kohm,5%,2W,AF,TP;3.9	
2	R258	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R419	2003-002024	R-METAL OXIDE(S);91Kohm,5%,2W,AF,TP;3.9x	
2	R304	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R420	2003-002024	R-METAL OXIDE(S);91Kohm,5%,2W,AF,TP;3.9x	
2	R625	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R819	2003-002064	R-METAL OXIDE;7.5ohm,5%,2W,AF,TP;10x3.9m	
2	R626	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R820	2003-002064	R-METAL OXIDE;7.5ohm,5%,2W,AF,TP;10x3.9m	
2	R628	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R821	2003-002064	R-METAL OXIDE;7.5ohm,5%,2W,AF,TP;10x3.9m	
2	R629	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R824	2004-001371	R-METAL(S);1.5Kohm,1%,1/2W,AA,TP;2.4x6.4	
2	R813	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R823	2004-001390	R-METAL(S);1Kohm,2%,1/2W,AA,TP;2.4x6.4mm	
2	R822	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		△ 2	RR401S	2004-001390	R-METAL(S);1Kohm,2%,1/2W,AA,TP;2.4x6.4mm	
2	R113	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R280	2004-001914	R-METAL;39Kohm,2%,1/8W,AA,TP;1.8x3.5mm	
2	R116	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R826	2004-001983	R-METAL(S);2.49Kohm,1%,1/2W,AA,TP;2.4x6.4	
2	R608	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R815	2008-000294	R-FUSIBLE(S);33ohm,5%,2W,AF,TP;3.9x10mm	
2	R251	2001-000325	R-CARBON;120OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R512	2008-000299	R-FUSIBLE(S);47ohm,5%,2W,AF,TP;3.9x10mm	
2	R254	2001-000325	R-CARBON;120OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R413	2008-001011	R-FUSIBLE(S);0.18ohm,10%,2W,AF,TP;3.9x10	
2	R209	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R414	2008-001011	R-FUSIBLE(S);0.18ohm,10%,2W,AF,TP;3.9x10	
2	R259	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R816	2008-001011	R-FUSIBLE(S);0.18ohm,10%,2W,AF,TP;3.9x10	
2	R293	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	C302	2201-000262	C-CERAMIC,DISC;0.18nF,10%,50V,Y5P,TP;4x3	
2	R302	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	C801	2201-000332	C-CERAMIC,DISC;2.2nF,20%,250V,Y5U,TP;9x4	
2	R117	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	C802	2201-000332	C-CERAMIC,DISC;2.2nF,20%,250V,Y5U,TP;9x4	
2	R120	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	C823	2201-000374	C-CERAMIC,DISC;0.22nF,5%,50V,NP0,TP;10.5	
2	R255	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	C408	2201-000556	C-CERAMIC,DISC;0.47nF,10%,500V,Y5P,TP;5	
2	R605	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	C411	2201-000556	C-CERAMIC,DISC;0.47nF,10%,500V,Y5P,TP;5	
2	R260	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP;1.8X3.2M		2	C413	2201-000556	C-CERAMIC,DISC;0.47nF,10%,500V,Y5P,TP;5	
2	R261	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP;1.8X3.2M		2	C208	2201-000573	C-CERAMIC,DISC;0.047nF,5%,50V,NP0,TP;5x3	
2	R262	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP;1.8X3.2M		2	C210	2201-000573	C-CERAMIC,DISC;0.047nF,5%,50V,NP0,TP;5x3	
2	R263	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP;1.8X3.2M		2	C403	2201-000599	C-CERAMIC,DISC;0.56nF,10%,500V,Y5P,TP;5	
2	R264	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP;1.8X3.2M		2	C816	2201-000599	C-CERAMIC,DISC;0.56nF,10%,500V,Y5P,TP;5	
2	R267	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP;1.8X3.2M		2	C818	2201-000599	C-CERAMIC,DISC;0.56nF,10%,500V,Y5P,TP;5	

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
2	C405	2201-000639	C-CERAMIC,DISC;0.68nF,10%,2kV,Y5P,TP9x5		2	C211	2401-000302	C-AL;100uF,20%,25V,GPTP6.3x11,5	
2	C508	2201-000723	C-CERAMIC,DISC;4.7nF,20%,3KV,Y5U,TP16x5		2	C220	2401-000302	C-AL;100uF,20%,25V,GPTP6.3x11,5	
2	C820	2201-000991	C-CERAMIC,DISC;0.56nF,10%,2kV,Y5P,TP7.5		2	C226	2401-000302	C-AL;100uF,20%,25V,GPTP6.3x11,5	
2	C203	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP		2	C227	2401-000302	C-AL;100uF,20%,25V,GPTP6.3x11,5	
2	C703	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP		2	C402	2401-000302	C-AL;100uF,20%,25V,GPTP6.3x11,5	
2	C704	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP		2	C811	2401-000302	C-AL;100uF,20%,25V,GPTP6.3x11,5	
2	C109	2202-000127	C-CERAMIC,MLC-AXIAL;10nF,+80-20%,25V,Y5V		2	C813	2401-000302	C-AL;100uF,20%,25V,GPTP6.3x11,5	
2	C110	2202-000127	C-CERAMIC,MLC-AXIAL;10nF,+80-20%,25V,Y5V		2	C814	2401-000302	C-AL;100uF,20%,25V,GPTP6.3x11,5	
2	C112	2202-000127	C-CERAMIC,MLC-AXIAL;10nF,+80-20%,25V,Y5V		2	C815	2401-000302	C-AL;100uF,20%,25V,GPTP6.3x11,5	
2	C119	2202-000127	C-CERAMIC,MLC-AXIAL;10nF,+80-20%,25V,Y5V		2	C604	2401-000302	C-AL;100uF,20%,25V,GPTP6.3x11,5	
2	C120	2202-000127	C-CERAMIC,MLC-AXIAL;10nF,+80-20%,25V,Y5V		2	C612	2401-000302	C-AL;100uF,20%,25V,GPTP6.3x11,5	
2	C701	2202-000210	C-CERAMIC,MLC-AXIAL;270pF,10%,50V,Y5P,TP		2	C619	2401-000302	C-AL;100uF,20%,25V,GPTP6.3x11,5	
2	C702	2202-000210	C-CERAMIC,MLC-AXIAL;270pF,10%,50V,Y5P,TP		2	B0T	2401-000302	C-AL;100uF,20%,25V,GPTP6.3x11,5	
2	C127	2202-000286	C-CERAMIC,MLC-AXIAL;56pF,5%,50V,SL,TP1.		2	C304	2401-000326	C-AL;100uF,20%,25V,GPTP8x11.5,5	
2	C603	2202-000286	C-CERAMIC,MLC-AXIAL;56pF,5%,50V,SL,TP1.		2	C303	2401-000360	C-AL;100uF,20%,50V,GPTP8x11.5,5	
2	C215	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP		2	C506	2401-000430	C-AL;10uF,20%,250V,GPTP10x16mm,5m	
2	C216	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP		2	C104	2401-000480	C-AL;10uF,20%,50V,GPTP5x11,5	
2	C217	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP		2	C239	2401-000480	C-AL;10uF,20%,50V,GPTP5x11,5	
2	C223	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP		2	C630	2401-000480	C-AL;10uF,20%,50V,GPTP5x11,5	
2	C205	2202-000796	C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP3		2	C809	2401-000480	C-AL;10uF,20%,50V,GPTP5x11,5	
2	C242	2202-000796	C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP3		2	C238	2401-000603	C-AL;1uF,20%,50V,GPTP5x11,5	
2	C243	2202-000796	C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP3		2	C641	2401-000603	C-AL;1uF,20%,50V,GPTP5x11,5	
2	C111	2202-000796	C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP3		2	C234	2401-000660	C-AL;2.2uF,20%,50V,GPTP5x11,5	
2	C121	2202-000796	C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP3		2	C640	2401-000660	C-AL;2.2uF,20%,50V,GPTP5x11,5	
2	C605	2202-000796	C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP3		2	C817	2401-000703	C-AL;220uF,20%,25V,GP,12.5x25mm,	
2	C505	2202-000825	C-CERAMIC,MLC-AXIAL;680pF,10%,50V,Y5P,TP		2	C241	2401-000758	C-AL;220nF,20%,50V,GPTP5x11,5	
2	C248	2202-000829	C-CERAMIC,MLC-AXIAL;0.82nF,10%,50V,Y5P,TP		2	C412	2401-000927	C-AL;22uF,20%,25V,GPTP13x20,5	
2	C221	2202-000849	C-CERAMIC,MLC-AXIAL;18pF,5%,50V,CH,TP3.		2	C212	2401-000962	C-AL;22uF,20%,50V,GPTP5x11,5	
2	C613	2301-000108	C-FILM,PEF;1.5nF,5%,50V,TP6.5x3.0x5.5mm		2	C101	2401-000962	C-AL;22uF,20%,50V,GPTP5x11,5	
2	C618	2301-000108	C-FILM,PEF;1.5nF,5%,50V,TP6.5x3.0x5.5mm		2	C804	2401-001192	C-AL;33uF,20%,50V,GPTP6.3x11,5	
2	C245	2301-000224	C-FILM,PEF;22nF,5%,50V,TP7.4x3.9x13mm,5		2	C507	2401-001232	C-AL;4.7uF,20%,250V,GPTP10x12.5,5	
2	C805	2301-000224	C-FILM,PEF;22nF,5%,50V,TP7.4x3.9x13mm,5		2	C409	2401-001397	C-AL;470uF,20%,25V,GPTP10x16,5	
2	C824	2301-000224	C-FILM,PEF;22nF,5%,50V,TP7.4x3.9x13mm,5		2	C410	2401-001397	C-AL;470uF,20%,25V,GPTP10x16,5	
2	C806	2301-000235	C-FILM,PEF;3.9nF,5%,50V,TP6.5x3.0x5.5mm		2	C114	2401-001496	C-AL;47uF,20%,16V,GPTP5x7,5	
2	C301	2301-000254	C-FILM,PEF;39nF,5%,50V,TP7.5x3.5x6.5mm,		2	C608	2401-001989	C-AL;4.7uF,20%,50V,BPTP5x11,5	
2	C213	2301-000342	C-FILM,PEF;2.2nF,5%,50V,TP7.4x3.9x13mm,		2	C625	2401-001998	C-AL;1000uF,20%,25V,GPTP10x20,5mm	
2	C235	2301-000342	C-FILM,PEF;2.2nF,5%,50V,TP7.4x3.9x13mm,		2	C819	2401-001998	C-AL;1000uF,20%,25V,GPTP10x20,5mm	
2	C102	2301-000383	C-FILM,PEF;10nF,5%,50V,TP6x7x3.2mm,5mm		2	C825	2401-002300	C-AL;47uF,20%,50V,GPTP6.3x11,5	
2	C401	2301-000383	C-FILM,PEF;10nF,5%,50V,TP6x7x3.2mm,5mm		2	C106	2401-002619	C-AL;47uF,20%,25V,GPTP5x11,5	
2	C621	2301-000383	C-FILM,PEF;10nF,5%,50V,TP6x7x3.2mm,5mm		2	C253	2401-002619	C-AL;47uF,20%,25V,GPTP5x11,5	
2	C237	2301-000445	C-FILM,PEF;4.7nF,5%,50V,TP5.5x7x3mm,5mm		2	C810	2401-002619	C-AL;47uF,20%,25V,GPTP5x11,5	
2	C249	2301-000445	C-FILM,PEF;4.7nF,5%,50V,TP5.5x7x3mm,5mm		2	L101	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
2	C246	2301-000445	C-FILM,PEF;4.7nF,5%,50V,TP5.5x7x3mm,5mm		2	L104	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
2	C414	2301-001065	C-FILM,MPEF;47nF,5%,630V,TP19x15.5x7.7.		2	L202	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
2	C504	2301-001259	C-FILM,MPEF;100nF,5%,400V,TP19x8x16,7.5		2	L203	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
2	C808	2301-001435	C-FILM,PPF;1.5nF,5%,1.2kV,TP15x8x12.5mm		2	L205	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
2	C306	2305-000149	C-FILM,MPEF;100nF,5%,100V,TP12x12.5x6.5		2	L206	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
2	C305	2305-000285	C-FILM,MPEF;220nF,5%,100V,TP10.5X5.5X15		2	J240	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
2	C225	2305-000289	C-FILM,MPEF;220nF,5%,63V,TP,5mm		2	L210	2701-000142	INDUCTOR-AXIAL;1uH,10%,2.5x3.4mm	
2	C231	2305-000289	C-FILM,MPEF;220nF,5%,63V,TP,5mm		2	L211	2701-000142	INDUCTOR-AXIAL;1uH,10%,2.5x3.4mm	
2	C236	2305-000289	C-FILM,MPEF;220nF,5%,63V,TP,5mm		△ 2	L401	2701-000142	INDUCTOR-AXIAL;1uH,10%,2.5x3.4mm	
2	C627	2305-000289	C-FILM,MPEF;220nF,5%,63V,TP,5mm		2	L701	2701-000146	INDUCTOR-AXIAL;2.2uH,10%,2.5x3.4mm	
2	C628	2305-000289	C-FILM,MPEF;220nF,5%,63V,TP,5mm		2	L702	2701-000146	INDUCTOR-AXIAL;2.2uH,10%,2.5x3.4mm	
2	C629	2305-000289	C-FILM,MPEF;220nF,5%,63V,TP,5mm		2	L212	2701-000158	INDUCTOR-AXIAL;22uH,10%,2.5x3.4mm	
2	C631	2305-000289	C-FILM,MPEF;220nF,5%,63V,TP,5mm		2	L102	2701-000159	INDUCTOR-AXIAL;22uH,10%,4.2x9.8mm	
2	C404	2305-000382	C-FILM,MPEF;4.7nF,5%,400V,TP,5mm		2	L209	2701-000159	INDUCTOR-AXIAL;22uH,10%,4.2x9.8mm	
2	C116	2305-000412	C-FILM,MPEF;470nF,5%,63V,TP,5mm		2	L703	2701-000184	INDUCTOR-AXIAL;4.7uH,10%,2.5x3.4mm	
2	C105	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP7.5x4.0x5.0m		2	L704	2701-000184	INDUCTOR-AXIAL;4.7uH,10%,2.5x3.4mm	
2	C115	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP7.5x4.0x5.0m		2	L204	2702-000142	INDUCTOR-RADIAL;22uH,5%,6x6.4mm	
2	C206	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP7.5x4.0x5.0m		2	X201	2801-003433	CRYSTAL-UNIT;12MHz,30PPM,28-AAM,30PF,300	
2	C209	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP7.5x4.0x5.0m		△ 2	L403	2901-000297	FILTER-EMI ON BOARD;3A,-,3.5x5,TP-	
2	C219	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP7.5x4.0x5.0m		2	L501	2901-000297	FILTER-EMI ON BOARD;3A,-,3.5x5,TP-	
2	C222	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP7.5x4.0x5.0m		2	L805	2901-000297	FILTER-EMI ON BOARD;3A,-,3.5x5,TP-	
2	C229	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP7.5x4.0x5.0m		2	L807	2901-000297	FILTER-EMI ON BOARD;3A,-,3.5x5,TP-	
2	C232	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP7.5x4.0x5.0m		2	B0T	2901-000297	FILTER-EMI ON BOARD;3A,-,3.5x5,TP-	
2	C240	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP7.5x4.0x5.0m		2	L303	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
2	C626	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP7.5x4.0x5.0m		2	L304	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
2	C638	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP7.5x4.0x5.0m		2	L801	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
2	C807	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP7.5x4.0x5.0m		2	L802	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
2	C812	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP7.5x4.0x5.0m		2	L804	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
2	C606	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP7.5x4.0x5.0m		2	L806	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
2	C611	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP7.5x4.0x5.0m		2	L404	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
2	C639	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP7.5x4.0x5.0m		2	L809	3301-001223	CORE-FERRITE BEAD;AA,62ohm,3.5x0.8x5mm,-	
2	C244	2309-000138	C-FILM,PE-PFF;100nF,5%,50V,TP20x16x8.5,		2	SW202	3404-000244	SWITCH-TACT;15V,20mA,90-170gf,7.5x7mm,SP	
2	C822	2401-000262	C-AL;100uF,20%,160V,HR,TP16x25,7.5		2	SW203	3404-000244	SWITCH-TACT;15V,20mA,90-170gf,7.5x7mm,SP	
2	C201	2401-000302	C-AL;100uF,20%,25V,GPTP6.3x11,5		2	SW204	3404-000244	SWITCH-TACT;15V,20mA,90-170gf,7.5x7mm,SP	
2	C207	2401-000302	C-AL;100uF,20%,25V,GPTP6.3x11,5		2	SW205	3404-000244	SWITCH-TACT;15V,20mA,90-170gf,7.5x7mm,SP	

2	SW206	3401-000244	SWITCH-TACT;15V,20mA,90-170qf,7.5x7mm,SP
2	FP801S	3601-000281	FUSE-CARTRIDGE;250V,4A,TIME-LAG,GLASS,5.
2	FD801S	3601-001163	FUSE-AXIAL LEAD;125V,7A,-,EPOXY,2,4X7.1M
2	FD802S	3601-001163	FUSE-AXIAL LEAD;125V,7A,-,EPOXY,2,4X7.1M
2	F801A	3602-000114	FUSE-HOLDER;-,-,30mohm
2	F801B	3602-000114	FUSE-HOLDER;-,-,30mohm
2	C502	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	C503	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	D207	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J101	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J103	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J105	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J106	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J108	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J112	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J205	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J206	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J207	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J212	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J214	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J216	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J217	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J218	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J219	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J220	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J221	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J222	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J227	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J228	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J230	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J231	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J232	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J233	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J234	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J236	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J237	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J238	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J239	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J242	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J243	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J245	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J247	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J248	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J250	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J251	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J252	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J254	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J258	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J259	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J260	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J266	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J270	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J271	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J272	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J273	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J275	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J276	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J277	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J279	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J282	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J284	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J285	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J286	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J287	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)
2	J288	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,

[illegible]

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
2	J629	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)		2	EY837	AA60-40011A	K EYELET;ID2.0,0D2.8,BST	
2	J633	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)		2	EY838	AA60-40011A	K EYELET;ID2.0,0D2.8,BST	
2	J634	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)		2	EY839	AA60-40011A	K EYELET;ID2.0,0D2.8,BST	
2	R211	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)		2	EY841	AA60-40011A	K EYELET;ID2.0,0D2.8,BST	
2	R402	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)		2	EY845	AA60-40011A	K EYELET;ID2.0,0D2.8,BST	
2	R709	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)		2	EY846	AA60-40011A	K EYELET;ID2.0,0D2.8,BST	
2	J110	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)		2	EY848	AA60-40011A	K EYELET;ID2.0,0D2.8,BST	
2	J211	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)		2	EY850	AA60-40011A	K EYELET;ID2.0,0D2.8,BST	
2	J257	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)		2	EY851	AA60-40011A	K EYELET;ID2.0,0D2.8,BST	
2	J262	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)		2	EY853	AA60-40011A	K EYELET;ID2.0,0D2.8,BST	
2	J268	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)		2	EY854	AA60-40011A	K EYELET;ID2.0,0D2.8,BST	
2	J614	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)		2	EY855	AA60-40011A	K EYELET;ID2.0,0D2.8,BST	
2	J627	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)		2	EY856	AA60-40011A	K EYELET;ID2.0,0D2.8,BST	
2	J630	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)		2	EY857	AA60-40011A	K EYELET;ID2.0,0D2.8,BST	
2	J635	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)		2	EY858	AA60-40011A	K EYELET;ID2.0,0D2.8,BST	
2	W/O PO	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)		2	EL301	AA60-40011B	K EYELET;ID2.2,0D3.2,BSP	
2	DZ812	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)		2	EL302	AA60-40011B	K EYELET;ID2.2,0D3.2,BSP	
2	PCB	AA41-00428B	PCB-MAIN;21K3,FR-1,1LB,1.6T,330X245,KS1		2	EL401	AA60-40011B	K EYELET;ID2.2,0D3.2,BSP	
2	EY401	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	EL402	AA60-40011B	K EYELET;ID2.2,0D3.2,BSP	
2	EY402	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	EL403	AA60-40011B	K EYELET;ID2.2,0D3.2,BSP	
2	EY403	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	EL404	AA60-40011B	K EYELET;ID2.2,0D3.2,BSP	
2	EY408	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	EL501	AA60-40011B	K EYELET;ID2.2,0D3.2,BSP	
2	EY409	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	EL502	AA60-40011B	K EYELET;ID2.2,0D3.2,BSP	
2	EY410	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	EL805	AA60-40011B	K EYELET;ID2.2,0D3.2,BSP	
2	EY411	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	EL806	AA60-40011B	K EYELET;ID2.2,0D3.2,BSP	
2	EY412	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	EL807	AA60-40011B	K EYELET;ID2.2,0D3.2,BSP	
2	EY413	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	EL808	AA60-40011B	K EYELET;ID2.2,0D3.2,BSP	
2	EY414	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	EL810	AA60-40011B	K EYELET;ID2.2,0D3.2,BSP	
2	EY417	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	EL811	AA60-40011B	K EYELET;ID2.2,0D3.2,BSP	
2	EY419	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	GT101	AA60-40014A	PIN-GT,ASSY;AUTO	
2	EY420	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	GT102	AA60-40014A	PIN-GT,ASSY;AUTO	
2	EY421	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	GT404	AA60-40014A	PIN-GT,ASSY;AUTO	
2	EY422	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	GT501	AA60-40014A	PIN-GT,ASSY;AUTO	
2	EY423	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	GT502	AA60-40014A	PIN-GT,ASSY;AUTO	
2	EY424	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	GT503	AA60-40014A	PIN-GT,ASSY;AUTO	
2	EY425	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	GT801	AA60-40014A	PIN-GT,ASSY;AUTO	
2	EY426	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	GT802	AA60-40014A	PIN-GT,ASSY;AUTO	
2	EY427	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	GT803	AA60-40014A	PIN-GT,ASSY;AUTO	
2	EY428	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	GT804	AA60-40014A	PIN-GT,ASSY;AUTO	
2	EY429	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	GT805	AA60-40014A	PIN-GT,ASSY;AUTO	
2	EY431	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	GT806	AA60-40014A	PIN-GT,ASSY;AUTO	
2	EY433	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	HC101	AA13-20004V	IC HYBRID;-;PAP103T,SIP6PPRE-AMPTP	
2	EY434	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	R249	2001-001035	R-CARBON;910HM,5%,1/8W,AA,TP,1.8X3.2MM	
2	EY435	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	R309	2003-002069	R-METAL OXIDE;470ohm,5%,2W,AF,TP,3.9x10m	
2	EY436	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	R310	2003-002069	R-METAL OXIDE;470ohm,5%,2W,AF,TP,3.9x10m	
2	EY437	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	R105	2001-000947	R-CARBON;7.5KOHM,5%,1/8W,AA,TP,1.8X3.2M	
2	EY438	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	C103	2401-002594	C-AL;220uF,20%,16V,GP,TP,8x11.5,5	
2	EY439	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	Z201	2903-000181	FILTER-CERAMIC;BR,5.5MHz,-,-,TP,TPS5.5	
2	EY801	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	Z203	2903-001040	FILTER-CERAMIC;TR,5.5/6.0/6.5MHz,-,1dB,-	
2	EY802	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	CN701	3711-002647	CONNECTOR-HEADER;BOX,8P,1R,2.5mm,STRAIGH	
2	EY803	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	CN603	3711-002644	CONNECTOR-HEADER;BOX,5P,1R,2.5mm,STRAIGH	
2	EY804	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	C117	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11.5	
2	EY805	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	C118	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11.5	
2	EY806	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	C204	2305-000412	C-FILM,MPEF;470nF,5%,63V,TP,-,5mm	
2	EY807	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	C218	2305-000412	C-FILM,MPEF;470nF,5%,63V,TP,-,5mm	
2	EY808	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	C407	2401-000560	C-AL;1uF,20%,160V,GP,TP,6.3x11.5	
2	EY809	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	C601	2201-000304	C-CERAMIC,DISC;0.001nF,0.25pF,50V,NP0,TP	
2	EY810	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	C602	2201-000304	C-CERAMIC,DISC;0.001nF,0.25pF,50V,NP0,TP	
2	EY811	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	C607	2401-000493	C-AL;10uF,20%,50V/LZ,TP,5x11mm,5mm	
2	EY812	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	C614	2401-000493	C-AL;10uF,20%,50V/LZ,TP,5x11mm,5mm	
2	EY813	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	C615	2401-000493	C-AL;10uF,20%,50V/LZ,TP,5x11mm,5mm	
2	EY814	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	C616	2401-000493	C-AL;10uF,20%,50V/LZ,TP,5x11mm,5mm	
2	EY815	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	C617	2401-000493	C-AL;10uF,20%,50V/LZ,TP,5x11mm,5mm	
2	EY818	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	C609	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11.5	
2	EY819	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	C610	2401-001026	C-AL;3.3UF,20%,50V,GP,TP,5X11.5	
2	EY820	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	C620	2401-001026	C-AL;3.3UF,20%,50V,GP,TP,5X11.5	
2	EY821	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	C622	2301-000192	C-FILM,PEF;1nF,5%,50V,TP,5.3x10mm,5mm	
2	EY822	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	C623	2301-000192	C-FILM,PEF;1nF,5%,50V,TP,5.3x10mm,5mm	
2	EY823	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	C632	2301-000314	C-FILM,PEF;8.2nF,5%,50V,TP,6.5x3.0x5.5mm	
2	EY824	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	C633	2301-000314	C-FILM,PEF;8.2nF,5%,50V,TP,6.5x3.0x5.5mm	
2	EY825	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	DZ803	0403-000716	DIODE-ZENER;MTZJ4.7B,4.7V,4.55-4.8V,500m	
2	EY826	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	IC604	1203-000515	IC-VOL. DETECTOR;7042,TO-92,3P,177MIL,PL	
2	EY829	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	L150	2701-000326	INDUCTOR-AXIAL;560nH,10%,2.3x3.4mm	
2	EY831	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	L207	2701-000168	INDUCTOR-AXIAL;3.3uH,5%,2.5x3.4mm	
2	EY833	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	L402	2001-001037	R-CARBON(S);0.39OHM,5%,1/2W,AA,TP,2.4X6.	
2	EY834	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	L601	2701-000169	INDUCTOR-AXIAL;3.9uH,10%,2.5x3.4mm	
2	EY836	AA60-40011A	K EYELET;ID2.0,0D2.8,BST		2	L602	2701-000169	INDUCTOR-AXIAL;3.9uH,10%,2.5x3.4mm	

Level	Loc. No.	Code No.	Description ; Specification	Remark
2	L603	2701-000169	INDUCTOR-AXIAL;3.9uH,10%,2.5x3.4mm	
2	Q402B	0501-000369	TR-SMALL SIGNAL;KSC2331-Y,NPN,1000mW,TO-	
2	R114	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
2	R119	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
2	R250	2001-000405	R-CARBON;180OHM,5%,1/8W,AA,TP,1.8X3.2MM	
2	R305	2004-004969	R-METAL(S);1.1Kohm,1%,1/2W,AA,TP,2.4x6.4	
2	R307	2004-004969	R-METAL(S);1.1Kohm,1%,1/2W,AA,TP,2.4x6.4	
2	R403	2001-001199	R-CARBON(S);910HM,5%,1/2W,AA,TP,2.4X6.4M	
2	R405	2001-000022	R-CARBON(S);330HM,5%,1/2W,AA,TP,2.4X6.4M	
2	R407	2003-000784	R-METAL OXIDE(S);7.5Kohm,5%,2W,AF,TP,4x1	
2	R417	2004-004089	R-METAL(S);123Kohm,1%,1/2W,AA,TP,2.5x6.5	
2	R418	2008-000254	R-FUSIBLE(S);0.68ohm,5%,2W,AF,TP,3.9x10m	
2	R601	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
2	R602	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
2	R610	2008-001116	R-FUSIBLE(S);0.68ohm,10%,2W,AG,TP,3.9x12	
2	R611	2008-001116	R-FUSIBLE(S);0.68ohm,10%,2W,AG,TP,3.9x12	
2	R613	2001-000006	R-CARBON;2.4KOHM,5%,1/8W,AA,TP,1.8X3.2M	
2	R614	2001-000006	R-CARBON;2.4KOHM,5%,1/8W,AA,TP,1.8X3.2M	
2	R812	2001-001155	R-CARBON(S);5.6KOHM,5%,1/2W,AA,TP,2.4X6.	
2	R834	2004-001377	R-METAL(S);120Kohm,1%,1/2W,AA,TP,2.4x6.4	
2	X601	2801-000186	CRYSTAL-UNIT;18.432MHz,25ppm,28-AAM,8pf,	
2	Z202	2903-000129	FILTER-CERAMIC;BR,4.5MHz,---,TP;	
2	R216	2001-000004	R-CARBON;200KOHM,5%,1/8W,AA,TP,1.8X3.2M	
2	R416	2004-001402	R-METAL(S);6.8Kohm,1%,1/2W,AA,TP,2.4x6.4	
2	C509	2305-000704	C-FILM,MPEF;100nf,5%,250V,TP,16.5x10.3x5	
2	C224	2401-000647	C-AL;2.2uF,20%,50V,BPT,5x11.5	
2	R612	2001-000800	R-CARBON;5.1KOHM,5%,1/8W,AA,TP,1.8X3.2M	
2	R615	2001-000800	R-CARBON;5.1KOHM,5%,1/8W,AA,TP,1.8X3.2M	
2	CR401S	2201-000406	C-CERAMIC,DISC;0.27nf,10%,2kv,Y5P,TP,6.3	
2	CR404S	2301-001268	C-FILM,PPF;33nf,5%,630V,TP,20x11x17.7,5	
2	R308	2008-000290	R-FUSIBLE(S);2.4ohm,5%,2W,AF,TP,3.9x10mm	
2	R513	2008-001018	R-FUSIBLE(S);0.47ohm,10%,2W,AF,TP,3.9x10	
2	R312	2008-001015	R-FUSIBLE(S);1.5ohm,5%,2W,AF,TP,3.9x10mm	
2	CY801S	2201-000446	C-CERAMIC,DISC;3.3nf,20%,400V,Y5U,TP,15x	
2		AA98-00245A	ASSY SUB PART;SS1A,PCB MAIN(OPT)	
3		0202-000008	SOLDER-WIRE;S63S-W3.0,S63S,D3,63Sn/37Pb,	
3		0202-000187	SOLDER-WIRE FLUX;- ,RS60S,D1,2.63Sn/37Pb	
3		0204-001024	FLUX;DF-98TVS,-,20%,-	
3		0204-000442	SOLVENT;1M-1000,C3H7OH,96,-	
2	CR406S	2306-000235	C-FILM,MPPF;560nf,5%,400V,TP,26*22.5*14,	
2	Q401	AA96-00850A	ASSY H/S,-,POWER,AA62-00057A,KSD5703,WAS	
3	Q401	0502-001136	TR-POWER;KSD5703,NPN,70W,TO-3PF,ST8-	
3		6003-000333	SCREW-TAPTITE;RH,+2S,M3,L10,ZPC(YEL),SW	
3		AA60-30001A	WASHER-PLATE;M3,ID3.5,15X8.5,T1.0,SBHG	
3		AA62-00057A	HEAT SINK-PS;- ,T1.0,-,41*20*60,D2,-,,-	
3		0205-000129	GREASE-SILICON;SC102,JAPAN	
2	LC101	AA26-00025A	TRANS RF;7MG,-,10pf,-,58.35MHz,7.7x	
2	D805	AA96-00922A	ASSY H/S,-,BRIDGE,AA62-00065A,D06U20S,KS	
3		0205-000129	GREASE-SILICON;SC102,JAPAN	
3		0402-001374	DIODE-RECTIFIER;FFPF06J20S,200V,6A,TO-22	
3		6003-000334	SCREW-TAPTITE;RH,+2S,M3,L6,ZPC(YEL),SWR	
3		AA62-00065A	HEAT SINK-PS;DP,-,AA62-00045A,-,,-,,-	
2	IC602	AA96-00923A	ASSY H/S,-,AUDIO,AA62-00064A,TDA8944,BRK	
3		0205-000129	GREASE-SILICON;SC102,JAPAN	
3		1201-001741	IC-AUDIO AMP;TDA8944J,DBS,17P;937MIL,DUA	
3		6003-000334	SCREW-TAPTITE;RH,+2S,M3,L6,ZPC(YEL),SWR	
3		AA61-10162B	BRACKET-IC;- ,SBHG-1,T1.0,-,,-,100	
3		AA62-00064A	HEAT SINK-PS;DP,-,AA62-00046A,-,,-,,-	
2	IC601	1204-001775	IC-SOUND PROCESSOR;MSP3410D-C5 9458 ,SDI	
2	CN401	AA60-40012D	PIN-GT;ASSY;T1.6,6-12.5,-,NYLON66	
2	C406	2301-001296	C-FILM,MPPF;720NF,5%,400V,BK,26x15.5X20M	
2	L405	AA27-40003L	COIL HORIZ. WIDTH;- ,1.0mH,DR14x20,2UEW0.	
2	D404	0402-001296	DIODE-RECTIFIER;FMP-3FU,1.5KV,5A,TO-3PF,	



ASSY-CABINET(COM)

1	AA90-01066G	ASSY-CABINET(COM);KS1B,VL-1823,21C7
2	CB+CF	6002-000515 SCREW-TAPPING;RH,+2,M4,L15,ZPC(WHT),SWR
2	CB+SCR	6002-000515 SCREW-TAPPING;RH,+2,M4,L15,ZPC(WHT),SWR
2	AV+CF	6003-001024 SCREW-TAPTITE;RVH,+B,M4,L12,ZPC(YEL),SW
2	CRT+CF	AA60-10050Q SCREW-ASSY;- ,SWRCH18A,M5,L26.5,HH,+WC,-
2		HA64-02364B CABINET-BACK;21C7,VL-1823,GRAY
3		AA81-00096A RESIN-A;VL-1823,G5433,A
3		HA83-00011A LP-RESIN;- ,M BATCH,WILSON 6007-GY-60,GRY

Level	Loc. No.	Code No.	Description ; Specification	Remark
3		AA63-60002F	SPACER-FELT;- ,FELT,-,-,BLK,TO.35,-,330	
2		HA68-02179A	LABEL-RATING;58MM,53MM,WHITE	
2	qms	HA83-00052A	LP-TAPE-INK;- ,WIDTH 55 MM	
2	rating	HA83-00052A	LP-TAPE-INK;- ,WIDTH 55 MM	
2		AA65-30008A	CLAMPER CORE-CORD;- ,PE,HB,-,BLK,-	
2		AA65-30009A	CLAMPER CORE-FBT;- ,ABS,V0,-,BLK,-	
2		AA65-30018A	CLAMPER CORE-WIRE;DONG-A,NYLON-66,-,-,-	
2		AA65-30110A	CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,	
2		HA60-00140A	SPACER-GUM;SPACE	
2		AA64-00894K	INLAY-BACK;21K2,PS SHEET,TO.3,BLK,KS1B 1	
2		HA68-02177B	LABEL-PQS;ALL,30MM,65MM,WHITE,AA68-02177	

ASSY CABINET FRONT

1	HA91-00435B	ASSY CABINET FRONT;- ,21C7,KS1B,VL-1823,SV
2	KC+CF	6002-000515 SCREW-TAPPING;RH,+2,M4,L15,ZPC(WHT),SWR
2	SPK+CF	6002-000515 SCREW-TAPPING;RH,+2,M4,L15,ZPC(WHT),SWR
2	WR+CF	6002-000515 SCREW-TAPPING;RH,+2,M4,L15,ZPC(WHT),SWR
2		AA61-30001A LATCH-DOOR;- ,---,KIFUCO LA701
2		AA61-60003T SPRING ETC-CS;- ,SUS304,-,OD7,N5,OD7,-,
2		HA64-25006A KNOB-POWER;21C7,HIPS,SV-012P-II,SILVER
3		HA83-00040A LP-MARKING PAINT;- ,METALLIC SILVER,SV-012
3		HA83-00011A LP-RESIN;- ,M BATCH,WILSON 6007-GY-60,GRY
3		HA83-00006A LP-RESIN HIPS;- ,BASFA495F,NTR,HB
2		AA64-70010B BADGE-BRAND;- ,AL,-,L50,-,SILVER,SS R20
2		AA65-30105A CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,
2		AA64-02470B KNOB CONTROL;21C7,HIPS,HB,SV-012P-II,GRY
3		HA83-00040A LP-MARKING PAINT;- ,METALLIC SILVER,SV-012
3		HA83-00006A LP-RESIN HIPS;- ,BASFA495F,NTR,HB
3		HA83-00011A LP-RESIN;- ,M BATCH,WILSON 6007-GY-60,GRY
2		AA64-02379E CABINET-FRONT;21C7,VL-1823,SV-012P-II,GR
3		HA83-00040A LP-MARKING PAINT;- ,METALLIC SILVER,SV-012
3		AA81-00106A A/S-MARKING PAINT;- ,P432U,DARK GREY,TPC
3		AA81-00096A RESIN-A;VL-1823,G5433,A
3		HA83-00011A LP-RESIN;- ,M BATCH,WILSON 6007-GY-60,GRY
2		HA64-27006A DOOR-CONTROL;- ,21C7,HIPS,HB,SV-012P-II
3		HA83-00040A LP-MARKING PAINT;- ,METALLIC SILVER,SV-012
3		HA83-00006A LP-RESIN HIPS;- ,BASFA495F,NTR,HB
3		HA83-00011A LP-RESIN;- ,M BATCH,WILSON 6007-GY-60,GRY
2		HA83-00049A LP-ADHESIVE-HM;12MM,NTR
2		3001-000274 SPEAKER;5W,80HM,90DB,160HZ
2		AA39-20504B LEAD CONNECTOR-ASSY;- ,4P,SMH025-04,REC,30
2		AA64-02465A INDICATOR LED;21C7,ACRYL,CLR
3		HA83-00010A LP-RESIN;- ,OROGLAS,VM-100 ZHN 2
2		AA64-02455A WINDOW REMOCON;21C7,PC,V0,VIOLET
3		HA83-00009A LP-RESIN PC;- ,LEXAN 121R,VIOLET
2		HA64-01058B DECORATION-COVER;21C7,PC,V0,VIOLET
2		AA64-01059B INLAY CONTROL;21C7,PS SHEET,TO.3,-,-,K

ASSY CRT

1	AA94-11633A	ASSY CRT;- ,450MG,21,ITC,A51EFS83X191,9
2		AA03-00354A CRT COLOR;A51EFS83X191,450MG,2.0MH,23.0M
2		AA27-20003Z COIL DEGAUSSING;- ,21,13.5ohm,25T,L2380,E
2		AA63-10002A BAND-TIE;NYLON66 V2,L100,NTR
2		AA98-70030A ASSY TBC WIRE(P);DP,21,AA98-70014C,1P,TV
2		AA65-30113A CLAMPER CORE-D,COIL;- ,NYLON 66,V2,-,BLK,
2		AA39-20518A LEAD CONNECTOR-ASSY;- ,6(4)P,YFH806-06,350

ASSY ETC-PCB A/V BOARD

1	AA95-01557A	ASSY ETC-PCB A/V BOARD;- ,XX44-3C,KS3A
2	JH701	3722-000143 JACK-PHONE;1P(VER),3.4PI,AG,BLK,N0
2	JA701	3722-001031 JACK-PIN;3P,3.6mm,#18,AU
2	CN701	AA39-20068E LEAD CONNECTOR-ASSY;- ,8P,YBNH025-08,67096
2	CN703	AA39-20069A LEAD CONNECTOR-ASSY;- ,5P,YBNH025-05,67096
2	CN704	AA39-20499B LEAD CONNECTOR-ASSY;- ,4P,YBNH025-04,SMP02
2		AA63-10002A BAND-TIE;NYLON66 V2,L100,NTR

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
2		AA98-00248A	ASSY SUB PART;SCT12B,A/V FRONT						
3		0202-000008	SOLDER-WIRE;S63S-W3.0,S63S,D3,63Sn/37Pb,						
3		0202-000187	SOLDER-WIRE FLUX;-;RS60S,D1.2,63Sn/37Pb						
3		0204-001024	FLUX;DF-98TVS,-;20%,-						
3		0204-000442	SOLVENT;1M-1000,C3H7OH,96,-						
2	R701	2001-000028	R-CARBON(S);1000HM,5%,1/2W,AA,TP2.4X6.4						
2	R702	2001-000028	R-CARBON(S);1000HM,5%,1/2W,AA,TP2.4X6.4						
2	C701	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP						
2	C702	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP						
2	C703	2202-000231	C-CERAMIC,MLC-AXIAL;330pF,10%,50V,Y5P,TP						
2	C704	2202-000231	C-CERAMIC,MLC-AXIAL;330pF,10%,50V,Y5P,TP						
2	C705	2401-003102	C-AL;100uF,20%,10V,GP,TP5x11.5						
2	C706	2401-003102	C-AL;100uF,20%,10V,GP,TP5x11.5						
2	L701	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm						
2	L702	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm						
2	L703	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm						
2	L704	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm						
2	PCB	AA41-00267B	PCB-SIDE A/V;CW6844,FR-1,1L,B,1.6T,245x2						
2		0203-001123	TAPE-PAPER;#53131,T0.15,VW6.0,L200000,YEL						
2	L707	2901-000297	FILTER-EMI ON BOARD;-;3A,-;-;3.5x5,TP,-						
2	L708	2901-000297	FILTER-EMI ON BOARD;-;3A,-;-;3.5x5,TP,-						

ASSY ACCESSORY

1	AA94-05765A	ASSY ACCESSORY;20-21,KS1A,XEC
2	HA68-02125A	LABEL;A/P120(G),70,69,ALLXEC,BLAC
2	4301-000120	BATTERY-MN;1.5V;-;AA,14.5x50mm,-
2	HA83-00047A	LP-TAPEACETATE;T0.1MM,W20MM,L200MM
2	HA69-00276A	BAG VINYL;HDPE,T0.025,L400,W240,-;VW/O LO
2	HA68-00336B	CARD-WARRANTY;A/P100(G),A5,NEW VERSION,I

REMOCON

1	AA59-00104K	REMOCON;-;TM59,DREAM,29,L/GRAY,PAL-TTX
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ASSY POWER CORD

△ 1	P/CORD	AA96-01126A	ASSY POWER CORD;DP,AA39-10001G,CP2,H/C25
2		AA39-10001G	CBF POWER CORD;-;KKP-419C,KLCE-2F2.286m
2		AA61-20284A	HOLDER;P-CORD,PP;-;-;BLK,VO,KE-002

ASSY PACKING

1	AA90-01111A	ASSY PACKING;21C7
2	HA69-00543A	PACKING-CASE;CT-21C7,D-1 BB,A1,-;646,560
2	AA60-40006A	PIN-STAPLE;AUTO,33X17.8X2.4,H18,33X17.8X
2	AA69-00744E	BAG-SHEET;-;HDPE PE FOAM,T0.015,W1300,H1
2	HA69-01496A	CUSHION-SET;21C7,PS,C=0.02
3	HA83-00058A	LP-RESIN-EPS;-;CHEIL SF-301V,WHT
2	HA68-02178A	LABEL-BOX;250MM,89MM,WHITE
2	HA83-00046A	LP-TAPE INK;-;WIDTH 105 MM

7-2 CS21K22TSDXXEH

Level	Loc. No.	Code No.	Description ; Specification	Remark
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ASSY PCB MAIN(OPT)

1	AA94-05800A	ASSY PCB MAIN(OPT);CZ21K22TSD,KS1B	
△ 2	D801S	0402-001399	DIODE-BRIDGE;GSIB660,600V,6A,SIP-4,BK
△ 2	D808	0402-001230	DIODE-RECTIFIER;FMG-G2CS,1000V,3A,TO-220
△ 2	D404	0402-001296	DIODE-RECTIFIER;FMP-3FU,1.5KV,5A,TO-3PF
2	Q801	0502-000242	TR-POWER;KSA614,PNP,25W,TO-220,TP,40-24
2	Q402	0502-001007	TR-POWER;KSC2073-H2,NPN,25W,TO-220,ST,6
△ 2	PC801S	0604-001038	PHOTO-COUPLER;TR,130-260%,200mW,DIP-4,ST
2	IC202	1103-001106	IC-EEPROM;C81DC,1028x8Bit,DIP8P,300MIL
△ 2	NT802S	1404-001045	THERMISTOR-NTC;4.7ohm,15%,2900K,35.0mW,T
△ 2	PT801S	1404-001156	THERMISTOR-PTC;90HM,+30%/-20%,220VRMS,27
△ 2	CR406S	2306-000350	C-FILM,MPPF;270nF,5%,400V,TP,26X18.5X10M
△ 2	CX801S	2306-000318	C-FILM,MPPF;220nF,20%,250V,TP,-,22.5mm
△ 2	CX802S	2306-000318	C-FILM,MPPF;220nF,20%,250V,TP,-,22.5mm
2	C803	2401-001137	C-AL;330uF,20%,400V,GPBK,30x45mm,1
2	C821	2401-003602	C-AL;220uF,20%,160V,GPBK,22x25mm,1
△ 2	SF101S	2904-001063	FILTER SAW AV;38.9MHz,SIP5K,TP,18.5dB,B/
△ 2	SW801S	3403-001107	SWITCH-PUSH;250V,5A,DPST-,KDC-A04
△ 2	V999S	3704-001105	SOCKET-CRT;11P20PI,26.5PI,Ni,-
2	JA701	3722-000183	JACK-SCART;21P,4mm,SN,BLK,NO
△ 2	IC201S	AA09-00249A	IC MICOM;TDA9353/N2/3,SPM-812EE,64P,3.3V
△ 2	T444S	AA26-00113A	TRANS FBT;FSV-14B003(HS),CT15A8,4.3MH,12
△ 2	T801S	AA26-00115A	TRANS SWITCHING;160-320,PL3,PM2,EER3543
△ 2	T401A	AA26-50001R	TRANS-HORIZ.DRIVE;-,-,80MH,-,-,520UH,-
2	L808	AA27-00098A	COIL CHOKE;-,-,24uH,10%,0.1,3.0A,DR10X
△ 2	LR401S	AA27-00122A	COIL LINEARITY;90UH,90UH,L81 DR10x10,7.5
△ 2	LX801S	AA29-30002F	FILTER LINE NOISE;-,-,6mH,2.45A,-,-
2	TOP	AA39-20010B	LEAD CONNECTOR-ASSY;1PYFH800-01,S,500,
2	BOT	AA39-20010B	LEAD CONNECTOR-ASSY;1PYFH800-01,S,500,
2	CN501	AA39-20604A	LEAD CONNECTOR-ASSY;5/4P,YBNH250-09,YBN
△ 2	TU01S	AA40-00076A	TUNER;TECC0949PG35A(S),PAL,181CH,38,
△ 2	RM201	AA32-00015A	MODULE REMOCON;FRP-3521H31,38KHZ,940MM,M
△ 2	IC802	AA96-00846A	ASSY H/S,POWER,AA62-00055A,KA7632
△ 3	IC802	1203-001939	IC-POSI.FIXED REG.;7632,SIP,10P,-,PLASTI
3	H/S802	AA62-00055A	HEAT SINK-PS;-,-,T1.0,-,35*15*25,D1,-,-,
3	SCR802	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZPC(YEL),SWR
2	LD201	AA96-00555A	ASSY LED GUIDE;-,-,UEX-LD-030,GREEN
2	IC301	AA96-00849A	ASSY H/S,AA62-00056A,LA7845
3	IC301	1204-000517	IC-VERTICAL DEF.;LA7845,SIP,7P,-,PLASTIC
3	SCR301	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZPC(YEL),SWR
3		AA62-00056A	HEAT SINK-PS;-,-,T1.0,-,41*35*70,D2,-,-,
3		0205-000129	GREASE-SILICON;SC102,JAPAN
2	Q401	AA96-00850A	ASSY H/S,POWER,AA62-00057A,KSD5703,WAS
3	Q401	0502-001136	TR-POWER;KSD5703,NPN,70W,TO-3PF,ST-8
3		6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW
3		AA60-30001A	WASHER-PLATE;M3,1D3.5,15X8.5,T1.0,SBHG
3		AA62-00057A	HEAT SINK-PS;-,-,T1.0,-,41*20*60,D2,-,-,
3		0205-000129	GREASE-SILICON;SC102,JAPAN
2	IC501	AA96-00842A	ASSY H/S,VIDEO,AA62-30175D,TDA6107Q
3	IC501	1201-001541	IC-VIDEO AMP;6107,ZSIP,9P,-,SINGLE,-,PLA
3	SCR501	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZPC(YEL),SWR
3	H/S501	AA62-30175D	HEAT SINK-PS;-SECC,T1.0,-,33X15X30 FT-2
2	IC603	AA96-00848A	ASSY H/S,SOUND,AA62-30175D,TDA8943
2	SCR602	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZPC(YEL),SWR
3	H/S602	AA62-30175D	HEAT SINK-PS;-SECC,T1.0,-,33X15X30 FT-2
3	IC602	1201-001740	IC-AUDIO AMP;TDA8943,SIL,9P,850MIL,SINGL
△ 2	IC801S	AA96-00851A	ASSY H/S,POWER,AA62-30181K,5Q1265RT
3		1203-002257	IC-PWM CONTROLLER;5Q12656RT,TO-220F-5L,5
3		6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW
3		AA62-30181K	HEAT SINK-ES;-AL6063 EXTR,2,WHT,40MM,-
3		0205-000129	GREASE-SILICON;SC102,JAPAN
3		HA68-02189A	LABEL-WARNING;33MM,18MM,WHITE
2		HA68-02176A	LABEL-LABEL
2	D206	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,
2	D208	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,
2	D301	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,
△ 2	D408	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,
△ 2	D804	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,
△ 2	D803	0401-000006	DIODE-SWITCHING;BAV21,250V,250mA,DO-35,T

Level	Loc. No.	Code No.	Description ; Specification	Remark
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2	D504	0402-000010	DIODE-RECTIFIER;RGP15G,400V,1.5A,DO-204A
△ 2	D802	0402-000254	DIODE-RECTIFIER;RGP10J,600V,1A,DO-41,TP
△ 2	D401	0402-000493	DIODE-RECTIFIER;1R5GU41,400V,1.5A,DO-15L
△ 2	D806	0402-000493	DIODE-RECTIFIER;1R5GU41,400V,1.5A,DO-15L
△ 2	D807	0402-000493	DIODE-RECTIFIER;1R5GU41,400V,1.5A,DO-15L
△ 2	D405	0402-000534	DIODE-RECTIFIER;RG10V,400V,1.2A,DO-201,T
△ 2	D406	0402-000540	DIODE-RECTIFIER;RU20A,600V,1.5A,-,TP
2	D303	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T
△ 2	D407	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T
2	D501	0402-001105	DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-,
2	D502	0402-001105	DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-,
2	D503	0402-001105	DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-,
△ 2	D801	0402-001111	DIODE-RECTIFIER;1N5397GP600V,1.5A,DO-20
△ 2	D402	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP
△ 2	D403	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP
2	DZ101	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500
2	DZ201	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500
2	DZ213	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500
2	DZ214	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500
2	DZ215	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500
2	DZ402	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500
2	DZ504	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500
2	DZ805	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500
2	DZ806	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500
2	DZ807	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500
2	DZ802	0403-000699	DIODE-ZENER;TZP27B,27V,27-30.8V,1W,DO-41,T
2	DZ306	0403-000700	DIODE-ZENER;TZP33A,33V,31-35V,1W,DO-41,T
2	DZ811	0403-000700	DIODE-ZENER;TZP33A,33V,31-35V,1W,DO-41,T
2	DZ202	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
2	DZ207	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
2	DZ208	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
2	DZ209	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
2	DZ210	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
2	DZ211	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
2	DZ212	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
2	DZ216	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
2	DZ220	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
2	DZ221	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
2	DZ501	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
2	DZ502	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
2	DZ503	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
2	DZ701	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
2	DZ702	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
2	DZ703	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
2	DZ704	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
2	DZ808	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500
2	DZ801	0403-001211	DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D
2	DZ303	0403-001221	DIODE-ZENER;UZ39BSB,35.36-37.19V,500MW,D
2	DZ809	0403-001317	DIODE-ZENER;MTZJ4.7C,4.68-4.93V,500mW,DO
2	DZ204	0403-001319	DIODE-ZENER;MTZJ4.7C,4.68-4.93V,500mW,DO
2	DZ205	0403-001319	DIODE-ZENER;MTZJ4.7C,4.68-4.93V,500mW,DO
2	DZ206	0403-001319	DIODE-ZENER;MTZJ4.7C,4.68-4.93V,500mW,DO
2	DZ810	0403-001319	DIODE-ZENER;MTZJ4.7C,4.68-4.93V,500mW,DO
2	DZ803	0403-001319	DIODE-ZENER;MTZJ4.7C,4.68-4.93V,500mW,DO
2	DZ403	0403-001322	DIODE-ZENER;MTZJ8.2B,7.78-8.19V,500mW,DO
2	DZ804	0403-001327	DIODE-ZENER;MTZJ18A,16.22-17.06V,500mW,D
2	DZ301	0403-001328	DIODE-ZENER;MTZJ22A,20.15-21.20V,500mW,D
2	DZ305	0403-001328	DIODE-ZENER;MTZJ22A,20.15-21.20V,500mW,D
2	DZ302	0403-001329	DIODE-ZENER;MTZJ24B,22.61-23.77V,500mW,D
2	Q205	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T
2	Q206	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T
2	Q301	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T
2	Q203	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T
2	Q207	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T
2	Q208	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T
2	Q212	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T
2	Q601	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T
2	Q602	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T
△ 2	IC803	1203-001217	IC-POSI.ADJUST REG.;431,TO-92,3P4.58MIL
△ 2	VX801S	1405-000187	VARISTOR;750V,1250A,12.5x7mm,TP
2	R230	2001-000005	R-CARBON;390ohm,5%,1/8W,AA,TP,1.8x3.2mm
2	R266	2001-000005	R-CARBON;390ohm,5%,1/8W,AA,TP,1.8x3.2mm

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
2	R269	2001-000005	R-CARBON;390ohm,5%,1/8W,AA,TP;1.8x3.2mm		2	R288	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R279	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R201	2001-000793	R-CARBON;47OHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R289	2001-000011	R-CARBON;75KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R246	2001-000793	R-CARBON;47OHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R292	2001-000012	R-CARBON;880KOHM,5%,1/8W,AA,TP;1.8X3.2M		2	R282	2001-000793	R-CARBON;47OHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R306	2001-000016	R-CARBON(S);10HM,5%,1/2W,AA,TP;2.4X6.4MM		2	R708	2001-000812	R-CARBON;5.6KOHM,5%,1/8W,AA,TP;1.8X3.2M	
2	R623	2001-000019	R-CARBON(S);10OHM,5%,1/2W,AA,TP;2.4X6.4M		2	R709	2001-000812	R-CARBON;5.6KOHM,5%,1/8W,AA,TP;1.8X3.2M	
2	R806	2001-000019	R-CARBON(S);10OHM,5%,1/2W,AA,TP;2.4X6.4M		2	R217	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R405	2001-000020	R-CARBON(S);22OHM,5%,1/2W,AA,TP;2.4X6.4M		2	R278	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R416	2001-000052	R-CARBON(S);3.3KOHM,5%,1/2W,AA,TP;2.4X6.4		2	R702	2001-000864	R-CARBON;56KOHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R809	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,TP;2.4X6.4		2	R136	2001-000924	R-CARBON;680OHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R265	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP;1.8X3.2M		2	R257	2001-000924	R-CARBON;680OHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R268	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP;1.8X3.2M		2	R226	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R301	2001-000258	R-CARBON;1.8KOHM,5%,1/8W,AA,TP;1.8X3.2M		2	R703	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R618	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP;1.8X3.2M		2	R704	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R219	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R705	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R220	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R707	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R221	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R247	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R222	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R514	2001-001062	R-CARBON(S);10MOHM,5%,1/2W,AA,TP;2.4X6.4	
2	R223	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R402	2001-001077	R-CARBON(S);150OHM,5%,1/2W,AA,TP;2.4X6.4	
2	R224	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R403	2001-001077	R-CARBON(S);150OHM,5%,1/2W,AA,TP;2.4X6.4	
2	R231	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R805	2001-001086	R-CARBON(S);18KOHM,5%,1/2W,AA,TP;2.4X6.4	
2	R232	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R404	2001-001114	R-CARBON(S);270OHM,5%,1/2W,AA,TP;2.4X6.4	
2	R244	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R812	2001-001122	R-CARBON(S);3.9KOHM,5%,1/2W,AA,TP;2.4X6.4	
2	R248	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R825	2001-001131	R-CARBON(S);33KOHM,5%,1/2W,AA,TP;2.4X6.4	
2	R270	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R803	2001-001150	R-CARBON(S);47KOHM,5%,1/2W,AA,TP;2.4X6.4	
2	R271	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R804	2001-001150	R-CARBON(S);47KOHM,5%,1/2W,AA,TP;2.4X6.4	
2	R272	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R807	2001-001170	R-CARBON(S);6.8OHM,5%,1/2W,AA,TP;2.4X6.4	
2	R273	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R808	2001-001170	R-CARBON(S);6.8OHM,5%,1/2W,AA,TP;2.4X6.4	
2	R274	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R810	2001-001192	R-CARBON(S);820OHM,5%,1/2W,AA,TP;2.4X6.4	
2	R275	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R501H	2002-001009	R-COMPOSITION;2.7Kohm,10%,1/2W,AA,TP;3.7	
2	R276	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R502H	2002-001009	R-COMPOSITION;2.7Kohm,10%,1/2W,AA,TP;3.7	
2	R277	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R511	2002-001009	R-COMPOSITION;2.7Kohm,10%,1/2W,AA,TP;3.7	
2	R296	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		△ 2	RY801S	2002-001011	R-COMPOSITION;3.3Mohm,5%,1/2W,AA,TP;3.7x	
2	R504	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		△ 2	RY801S	2002-001012	R-COMPOSITION;8.2Mohm,5%,1/2W,AA,TP;3.7x	
2	R505	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R408	2003-000540	R-METAL OXIDE(S);1Kohm,5%,2W,AF,TP;4x12m	
2	R506	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R830	2003-000586	R-METAL OXIDE(S);22Kohm,5%,2W,AF,TP;4x12	
2	R206	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R831	2003-000586	R-METAL OXIDE(S);22Kohm,5%,2W,AF,TP;4x12	
2	R207	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R801	2003-000994	R-METAL OXIDE(S);33Kohm,5%,2W,AF,TP;3.9x	
2	R225	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R802	2003-000994	R-METAL OXIDE(S);33Kohm,5%,2W,AF,TP;3.9x	
2	R233	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R818	2003-000998	R-METAL OXIDE;300ohm,5%,2W,AF,TP;3.9x10m	
2	R258	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R832	2003-001035	R-METAL OXIDE(S);27ohm,5%,2W,AF,TP;3.9x1	
2	R304	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R423	2003-002007	R-METAL OXIDE(S);4.7Kohm,5%,2W,AF,TP;3.9	
2	R625	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R407	2003-002008	R-METAL OXIDE(S);18Kohm,5%,2W,AF,TP;3.9x	
2	R626	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R419	2003-002024	R-METAL OXIDE(S);91Kohm,5%,2W,AF,TP;3.9x	
2	R628	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R420	2003-002024	R-METAL OXIDE(S);91Kohm,5%,2W,AF,TP;3.9x	
2	R629	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R819	2003-002064	R-METAL OXIDE;7.5ohm,5%,2W,AF,TP;10x3.9m	
2	R813	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R820	2003-002064	R-METAL OXIDE;7.5ohm,5%,2W,AF,TP;10x3.9m	
2	R822	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R821	2003-002064	R-METAL OXIDE;7.5ohm,5%,2W,AF,TP;10x3.9m	
2	R612	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R305	2004-001371	R-METAL(S);1.5Kohm,1%,1/2W,AA,TP;2.4x6.4	
2	R251	2001-000325	R-CARBON;120OHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R307	2004-001371	R-METAL(S);1.5Kohm,1%,1/2W,AA,TP;2.4x6.4	
2	R209	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R824	2004-001371	R-METAL(S);1.5Kohm,1%,1/2W,AA,TP;2.4x6.4	
2	R259	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R823	2004-001390	R-METAL(S);1Kohm,2%,1/2W,AA,TP;2.4x6.4mm	
2	R293	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP;1.8X3.2MM		△ 2	RR401S	2004-001390	R-METAL(S);1Kohm,2%,1/2W,AA,TP;2.4x6.4mm	
2	R302	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R834	2004-001889	R-METAL(S);127Kohm,5%,1/2W,AA,TP;2.5x6.5	
2	R286	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	R280	2004-001914	R-METAL;39Kohm,2%,1/8W,AA,TP;1.8x3.5mm	
2	R260	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP;1.8X3.2M		2	R826	2004-001983	R-METAL(S);2.49Kohm,1%,1/2W,AA,TP;2.4x6.4	
2	R261	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP;1.8X3.2M		2	R815	2008-000294	R-FUSIBLE(S);33ohm,5%,2W,AF,TP;3.9x10mm	
2	R303	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP;1.8X3.2M		2	R512	2008-000299	R-FUSIBLE(S);47ohm,5%,2W,AF,TP;3.9x10mm	
2	R262	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP;1.8X3.2M		2	R413	2008-001011	R-FUSIBLE(S);0.18ohm,10%,2W,AF,TP;3.9x10	
2	R263	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP;1.8X3.2M		2	R414	2008-001011	R-FUSIBLE(S);0.18ohm,10%,2W,AF,TP;3.9x10	
2	R264	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP;1.8X3.2M		2	R816	2008-001011	R-FUSIBLE(S);0.18ohm,10%,2W,AF,TP;3.9x10	
2	R267	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP;1.8X3.2M		△ 2	CR405S	2201-000132	C-CERAMIC,DISC;0.1nf;10%,500V,Y5P;TP6.5	
2	R281	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP;1.8X3.2M		2	C302	2201-000262	C-CERAMIC,DISC;0.18nf;10%,50V,Y5P;TP;4x3	
2	R701	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	C801	2201-000332	C-CERAMIC,DISC;2.2nf;20%,250V,Y5U,TP;9x4	
2	R228	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	C802	2201-000332	C-CERAMIC,DISC;2.2nf;20%,250V,Y5U,TP;9x4	
2	R229	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	C823	2201-000374	C-CERAMIC,DISC;0.22nf;5%,50V,NP0,TP;10.5	
2	R814	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP;1.8X3.2MM		△ 2	CR401S	2201-000467	C-CERAMIC,DISC;0.33nf;10%,2kV,Y5P;TP;6.3	
2	R245	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP;1.8X3.2M		2	C408	2201-000556	C-CERAMIC,DISC;0.47nf;10%,500V,Y5P;TP;5	
2	R401	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP;1.8X3.2M		2	C411	2201-000556	C-CERAMIC,DISC;0.47nf;10%,500V,Y5P;TP;5	
2	R211	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP;1.8X3.2M		2	C413	2201-000556	C-CERAMIC,DISC;0.47nf;10%,500V,Y5P;TP;5	
2	R627	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	C208	2201-000573	C-CERAMIC,DISC;0.047nf;5%,50V,NP0,TP;5x3	
2	R208	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP;1.8X3.2M		2	C210	2201-000573	C-CERAMIC,DISC;0.047nf;5%,50V,NP0,TP;5x3	
2	R613	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP;1.8X3.2M		2	C403	2201-000599	C-CERAMIC,DISC;0.56nf;10%,500V,Y5P;TP;5	
2	R295	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP;1.8X3.2M		2	C816	2201-000599	C-CERAMIC,DISC;0.56nf;10%,500V,Y5P;TP;5	
2	R297	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP;1.8X3.2M		2	C818	2201-000599	C-CERAMIC,DISC;0.56nf;10%,500V,Y5P;TP;5	
2	R104	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	C405	2201-000639	C-CERAMIC,DISC;0.68nf;10%,2kV,Y5P;TP;9x5	
2	R216	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP;1.8X3.2MM		2	C508	2201-000723	C-CERAMIC,DISC;4.7nf;20%,3kV,Y5U,TP;16x5	

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
2	C820	2201-000991	C-CERAMIC,DISC;0.56nF,10%,2kV,Y5P,TP7,5		2	C506	2401-000430	C-AL;10uF,20%,250V,GP,TP,10x16mm,5mm	
2	C203	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP		2	C104	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
2	C703	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP		2	C239	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
2	C704	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP		2	C630	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
2	C107	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP		2	C809	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
2	C109	2202-000127	C-CERAMIC,MLC-AXIAL;10nF,+80-20%,25V,Y5V		2	C238	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
2	C110	2202-000127	C-CERAMIC,MLC-AXIAL;10nF,+80-20%,25V,Y5V		2	C641	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
2	C701	2202-000210	C-CERAMIC,MLC-AXIAL;270pF,10%,50V,Y5P,TP		2	C224	2401-000647	C-AL;2.2uF,20%,50V,BPT,5x11,5	
2	C702	2202-000210	C-CERAMIC,MLC-AXIAL;270pF,10%,50V,Y5P,TP		2	C234	2401-000660	C-AL;2.2uF,20%,50V,GP,TP,5x11,5	
2	C127	2202-000286	C-CERAMIC,MLC-AXIAL;56pF,5%,50V,SL,TP,1		2	C640	2401-000660	C-AL;2.2uF,20%,50V,GP,TP,5x11,5	
2	C215	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP		2	C817	2401-000703	C-AL;2200uF,20%,25V,GP,-,12.5x25mm,	
2	C216	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP		2	C250	2401-000758	C-AL;220nF,20%,50V,GP,TP,5x11,5	
2	C217	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP		2	C412	2401-000927	C-AL;22uF,20%,250V,GP,TP,13x20,5	
2	C223	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP		2	C212	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
2	C205	2202-000796	C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP3		2	C101	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
2	C242	2202-000796	C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP3		2	C804	2401-001192	C-AL;33uF,20%,50V,GP,TP,6.3x11,5	
2	C243	2202-000796	C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP3		2	C507	2401-001232	C-AL;4.7uF,20%,250V,GP,TP,10x12.5,5	
2	C505	2202-000825	C-CERAMIC,MLC-AXIAL;680pF,10%,50V,Y5P,TP		2	C409	2401-001397	C-AL;470uF,20%,25V,GP,TP,10x16,5	
2	R212	2202-000825	C-CERAMIC,MLC-AXIAL;680pF,10%,50V,Y5P,TP		2	C410	2401-001397	C-AL;470uF,20%,25V,GP,TP,10x16,5	
2	C248	2202-000829	C-CERAMIC,MLC-AXIAL;0.82nF,10%,50V,Y5P,TP		2	C114	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
2	C221	2202-000849	C-CERAMIC,MLC-AXIAL;18pF,5%,50V,CH,TP,3		2	C251	2401-001989	C-AL;4.7uF,20%,50V,BPT,5x11,5	
2	C635	2301-000108	C-FILM,PEF;1.5nF,5%,50V,TP,6.5x3.0x5.5mm		2	C625	2401-001998	C-AL;1000uF,20%,25V,GP,TP,10x20,5mm	
2	C246	2301-000204	C-FILM,PEF;2.7nF,5%,50V,TP,7.4x3.9x13mm,		2	C819	2401-001998	C-AL;1000uF,20%,25V,GP,TP,10x20,5mm	
2	C245	2301-000224	C-FILM,PEF;22nF,5%,50V,TP,7.4x3.9x13mm,5		2	C214	2401-002235	C-AL;10uF,20%,16V,GP,TP,5x11mm,5mm	
2	C805	2301-000224	C-FILM,PEF;22nF,5%,50V,TP,7.4x3.9x13mm,5		2	C407	2401-002268	C-AL;2.2uF,20%,250V,LZ,TP,8X11,5	
2	C824	2301-000224	C-FILM,PEF;22nF,5%,50V,TP,7.4x3.9x13mm,5		2	C825	2401-002300	C-AL;47uF,20%,50V,GP,TP,6.3x11,5	
2	C806	2301-000235	C-FILM,PEF;3.9nF,5%,50V,TP,6.5x3.0x5.5mm		2	C106	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
2	C301	2301-000254	C-FILM,PEF;39nF,5%,50V,TP,7.5x3.5x6.5mm,		2	C253	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
2	C213	2301-000342	C-FILM,PEF;2.2nF,5%,50V,TP,7.4x3.9x13mm,		2	C810	2401-002619	C-AL;47uF,20%,25V,GP,TP,5x11,5	
2	C235	2301-000342	C-FILM,PEF;2.2nF,5%,50V,TP,7.4x3.9x13mm,		2	L101	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
2	C102	2301-000383	C-FILM,PEF;10nF,5%,50V,TP,6x7x3.2mm,5mm		2	L104	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
2	C401	2301-000383	C-FILM,PEF;10nF,5%,50V,TP,6x7x3.2mm,5mm		2	L202	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
2	C237	2301-000445	C-FILM,PEF;4.7nF,5%,50V,TP,5.5x7x3mm,5mm		2	L203	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
2	C249	2301-000445	C-FILM,PEF;4.7nF,5%,50V,TP,5.5x7x3mm,5mm		2	L205	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
2	C632	2301-000445	C-FILM,PEF;4.7nF,5%,50V,TP,5.5x7x3mm,5mm		2	J240	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
2	C414	2301-001065	C-FILM,MPPF;47nF,5%,630V,TP,19x15.5x7.7		2	L210	2701-000142	INDUCTOR-AXIAL;1uH,10%,2.5x3.4mm	
2	C504	2301-001259	C-FILM,MPPF;100nF,5%,400V,TP,19x8x16,7,5		2	L211	2701-000142	INDUCTOR-AXIAL;1uH,10%,2.5x3.4mm	
2	C808	2301-001435	C-FILM,PPF;1.5nF,5%,1.2kV,TP,15x8x12.5mm		2	L401	2701-000142	INDUCTOR-AXIAL;1uH,10%,2.5x3.4mm	
2	C306	2305-000149	C-FILM,MPEF;100nF,5%,100V,TP,12x12.5x6.5		2	L701	2701-000147	INDUCTOR-AXIAL;2.2uH,5%,2.4x3.4mm	
2	C305	2305-000285	C-FILM,MPEF;220nF,5%,100V,TP,10.5X5.5X15		2	L702	2701-000147	INDUCTOR-AXIAL;2.2uH,5%,2.4x3.4mm	
2	C225	2305-000289	C-FILM,MPEF;220nF,5%,63V,TP,-,5mm		2	L212	2701-000158	INDUCTOR-AXIAL;22uH,10%,2.5x3.4mm	
2	C231	2305-000289	C-FILM,MPEF;220nF,5%,63V,TP,-,5mm		2	L102	2701-000159	INDUCTOR-AXIAL;22uH,10%,4.2x9.8mm	
2	C236	2305-000289	C-FILM,MPEF;220nF,5%,63V,TP,-,5mm		2	L209	2701-000159	INDUCTOR-AXIAL;22uH,10%,4.2x9.8mm	
2	C634	2305-000289	C-FILM,MPEF;220nF,5%,63V,TP,-,5mm		2	L703	2701-000184	INDUCTOR-AXIAL;4.7uH,10%,2.5x3.4mm	
2	C404	2305-000382	C-FILM,MPEF;4.7nF,5%,400V,TP,-,5mm		2	L704	2701-000184	INDUCTOR-AXIAL;4.7uH,10%,2.5x3.4mm	
2	C204	2305-000412	C-FILM,MPEF;47nF,5%,63V,TP,-,5mm		2	L207	2701-000184	INDUCTOR-AXIAL;4.7uH,10%,2.5x3.4mm	
2	C218	2305-000412	C-FILM,MPEF;47nF,5%,63V,TP,-,5mm		2	L204	2702-000142	INDUCTOR-RADIAL;22uH,5%,6x6.4mm	
2	C105	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m		2	X201	2801-003433	CRYSTAL-UNIT;12MHZ,30PPM,28-AAM,30PF,300	
2	C115	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m		2	L403	2901-000297	FILTER-EMI ON BOARD;-;3A,-,-,3.5x5,TP-	
2	C206	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m		2	L501	2901-000297	FILTER-EMI ON BOARD;-;3A,-,-,3.5x5,TP-	
2	C209	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m		2	L805	2901-000297	FILTER-EMI ON BOARD;-;3A,-,-,3.5x5,TP-	
2	C219	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m		2	L807	2901-000297	FILTER-EMI ON BOARD;-;3A,-,-,3.5x5,TP-	
2	C222	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m		2	L303	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
2	C229	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m		2	L304	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
2	C232	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m		2	L402	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
2	C240	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m		2	L404	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
2	C626	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m		2	L801	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
2	C638	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m		2	L802	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
2	C807	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m		2	L804	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
2	C812	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m		2	L806	3301-000287	CORE-FERRITE BEAD;AA,3.5x1.0x6.0mm,1500,	
2	C244	2309-000138	C-FILM,PE-PPE;100nF,5%,50V,TP,20x16x8.5,		2	L809	3301-001223	CORE-FERRITE BEAD;AA,62ohm,3.5x0.8x5mm,-	
2	C822	2401-000262	C-AL;100uF,20%,160V,HR,TP,16x25,7,5		2	B0T	3301-001223	CORE-FERRITE BEAD;AA,62ohm,3.5x0.8x5mm,-	
2	C201	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5		2	SW202	3404-000244	SWITCH-TACT;15V,20mA,90-170gf,7.5x7mm,SP	
2	C207	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5		2	SW203	3404-000244	SWITCH-TACT;15V,20mA,90-170gf,7.5x7mm,SP	
2	C211	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5		2	SW204	3404-000244	SWITCH-TACT;15V,20mA,90-170gf,7.5x7mm,SP	
2	C220	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5		2	SW205	3404-000244	SWITCH-TACT;15V,20mA,90-170gf,7.5x7mm,SP	
2	C226	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5		2	SW206	3404-000244	SWITCH-TACT;15V,20mA,90-170gf,7.5x7mm,SP	
2	C227	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5		2	FP801S	3601-000281	FUSE-CARTRIDGE;250V,4A,TIME-LAG,GLASS,5.	
2	KEZ1	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5		2	FD801S	3601-001163	FUSE-AXIAL LEAD;125V,7A,-,EPOXY,2.4X7.1M	
2	C402	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5		2	FD802S	3601-001163	FUSE-AXIAL LEAD;125V,7A,-,EPOXY,2.4X7.1M	
2	C811	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5		2	F801A	3602-000114	FUSE-HOLDER;-,-,30mohm	
2	C813	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5		2	F801B	3602-000114	FUSE-HOLDER;-,-,30mohm	
2	C814	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5		2	C111	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
2	C815	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5		2	C502	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
2	C304	2401-000326	C-AL;100uF,20%,35V,GP,TP,8x11.5,5		2	C503	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
2	C303	2401-000360	C-AL;100uF,20%,50V,GP,TP,8x11.5,5		2	D207	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	



Level	Loc. No.	Code No.	Description ; Specification	Remark
2	J504	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
2	J637	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
2	J208	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
2	J224	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
2	R103	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
2	J241	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
2	R101	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
2	R102	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
2	J410	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
2	J420	3812-000219	WIRE-NO SHEATH CU;TCWA,300V,52mm(TAPING)	
2	PCB	AA41-00428B	PCB-MAIN;21K3,FR-1,1LB,1.6T,330X245,KS1	
2	EY401	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY402	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY403	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY408	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY409	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY410	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY411	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY412	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY413	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY414	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY417	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY419	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY420	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY421	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY422	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY423	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY424	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY425	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY426	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY427	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY428	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY429	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY431	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY433	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY434	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY435	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY436	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY437	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY438	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY439	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY801	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY802	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY803	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY804	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY805	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY806	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY807	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY808	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY809	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY810	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY811	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY812	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY813	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY814	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY815	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY818	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY819	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY820	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY821	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY822	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY823	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY824	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY825	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY826	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY829	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY831	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY833	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY834	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY836	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY837	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY838	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY839	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY841	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY845	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY846	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	

Level	Loc. No.	Code No.	Description ; Specification	Remark
2	EY848	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY850	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY851	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY853	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY854	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY855	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY856	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY857	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY858	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EY859	AA60-40011A	K EYELET;ID2.0,OD2.8,BST	
2	EL301	AA60-40011B	K EYELET;ID2.2,OD3.2,BSP	
2	EL302	AA60-40011B	K EYELET;ID2.2,OD3.2,BSP	
2	EL401	AA60-40011B	K EYELET;ID2.2,OD3.2,BSP	
2	EL402	AA60-40011B	K EYELET;ID2.2,OD3.2,BSP	
2	EL403	AA60-40011B	K EYELET;ID2.2,OD3.2,BSP	
2	EL404	AA60-40011B	K EYELET;ID2.2,OD3.2,BSP	
2	EL501	AA60-40011B	K EYELET;ID2.2,OD3.2,BSP	
2	EL502	AA60-40011B	K EYELET;ID2.2,OD3.2,BSP	
2	EL805	AA60-40011B	K EYELET;ID2.2,OD3.2,BSP	
2	EL806	AA60-40011B	K EYELET;ID2.2,OD3.2,BSP	
2	EL807	AA60-40011B	K EYELET;ID2.2,OD3.2,BSP	
2	EL808	AA60-40011B	K EYELET;ID2.2,OD3.2,BSP	
2	EL810	AA60-40011B	K EYELET;ID2.2,OD3.2,BSP	
2	EL811	AA60-40011B	K EYELET;ID2.2,OD3.2,BSP	
2	GT101	AA60-40014A	PIN-GT,ASSY,AUTO	
2	GT102	AA60-40014A	PIN-GT,ASSY,AUTO	
2	GT404	AA60-40014A	PIN-GT,ASSY,AUTO	
2	GT501	AA60-40014A	PIN-GT,ASSY,AUTO	
2	GT502	AA60-40014A	PIN-GT,ASSY,AUTO	
2	GT503	AA60-40014A	PIN-GT,ASSY,AUTO	
2	GT801	AA60-40014A	PIN-GT,ASSY,AUTO	
2	GT802	AA60-40014A	PIN-GT,ASSY,AUTO	
2	GT803	AA60-40014A	PIN-GT,ASSY,AUTO	
2	GT804	AA60-40014A	PIN-GT,ASSY,AUTO	
2	GT805	AA60-40014A	PIN-GT,ASSY,AUTO	
2	GT806	AA60-40014A	PIN-GT,ASSY,AUTO	
2	HC101	AA13-20004W	IC HYBRID;-,PAP103T,SIP6PPRE-AMPTP	
2	L150	2701-000171	INDUCTOR-AXIAL;330nH,10%,2.5x3.4mm	
2	R249	2001-001035	R-CARBON;910HM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R252	2001-001035	R-CARBON;910HM,5%,1/8W,AA,TP;1.8X3.2MM	
2	R309	2003-002069	R-METAL OXIDE;470ohm,5%,2W,AF,TP;3.9x10mm	
2	R310	2003-002069	R-METAL OXIDE;470ohm,5%,2W,AF,TP;3.9x10mm	
2	R611	2008-001112	R-FUSIBLE(S);2.4ohm,5%,2W,AG,TP;3.9x12mm	
2	R105	2001-000947	R-CARBON;7.5KOHM,5%,1/8W,AA,TP;1.8X3.2M	
2	C627	2305-000450	C-FILM,MPEF;56nF,5%,100V,TP,-,5mm	
2	R610	2008-001086	R-FUSIBLE(S);3.3ohm,5%,2W,AG,TP;3.9x12mm	
2	C247	2401-000939	C-AL;22uF,20%,25V,GP,TP5x11.5	
2	C103	2401-002594	C-AL;220uF,20%,16V,GP,TP8x11.5,5	
2	Z201	2903-000181	FILTER-CERAMIC;BR,5.5MHz,-,-,-,TP,TPS5.5	
2	Z203	2903-001040	FILTER-CERAMIC;TR,5.5/6.0/6.5MHz,-,1dB,-	
2	C509	2305-000704	C-FILM,MPEF;100nF,5%,250V,TP;16.5x10.3x5	
2	CN701	3711-002647	CONNECTOR-HEADER;BOX,8P;1R,2.5mm,STRAIGH	
2	CN603	3711-002644	CONNECTOR-HEADER;BOX,5P;1R,2.5mm,STRAIGH	
2	R418	2008-000266	R-FUSIBLE(S);1ohm,5%,2W,AF,TP;3.9x10mm	
2	R308	2008-000292	R-FUSIBLE(S);3.3ohm,5%,2W,AF,TP;3.9x10mm	
2	R312	2008-001076	R-FUSIBLE(S);1.8ohm,5%,2W,AF,TP;3.9x10mm	
2	R417	2001-001194	R-CARBON(S);82KOHM,5%,1/2W,AA,TP;2.4X6.4	
2	R513	2008-000290	R-FUSIBLE(S);2.4ohm,5%,2W,AF,TP;3.9x10mm	
2	CY801	2201-000446	C-CERAMIC,DISC;3.3nF,20%,400V,Y5U,TP;15x	
2		AA98-00245A	ASSY SUB PART;S51A,PCB MAIN(OPT)	
3		0202-000008	SOLDER-WIRE;S63S-W3.0,S63S,D3,63Sn/37Pb,	
3		0202-000187	SOLDER-WIRE FLUX;- ,RS60S,D1,2.63Sn/37Pb	
3		0204-001024	FLUX;DF-98TVS,-,20%,-	
3		0204-000442	SOLVENT;1M-1000,C3H7OH,96,-	
2	CN401	AA60-40012D	PIN-GT,ASSY;T1 6.6-12.5,NYLON66	
2	CR402S	2303-001015	C-FILM,PPF;5.5nF,5%,1.6kV,TP;29x9.5x17,2	
2	CR404S	2301-001067	C-FILM,MPPF;82nF,5%,400V,TP;19x15.5x7,7.	



ASSY-CABINET(COM)

1	AA90-01069B	ASSY-CABINET(COM);KS1B,VL-1823,21K2
2	CB+CF	6002-000515 SCREW-TAPPING;RH,+2,M4,L15,ZPC(WHT),SWR
2	PCB+CF	6003-001024 SCREW-TAPTITE;RWH,+B,M4,L12,ZPC(YEL),SW
2	CRT+CF	AA60-10050Q SCREW-ASSY;- ,SWRCH18A,M5,L26.5,HH,+WC,-

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
2	CC	AA65-30008A	CLAMPER CORE-CORD;,-,PE,HB,-,BLK,-		2	JA01	3722-000506	JACK-PIN;2P;3.6mm,-,AG	
2		HA64-02368B	CABINET BACK;21K2,VL-1823,GRY		2	CN01A	AA39-20068E	LEAD CONNECTOR-ASSY;8PYBNH025-08,67096	
3		AA81-00096A	RESIN-A;VL-1823,G5433,A		2	CN05A	AA39-20069C	LEAD CONNECTOR-ASSY;5PYBNH025-05,67096	
3		HA83-00011A	LP-RESIN;M BATCH,WILSON 6007-GY-60,GRY		2	JE01	3722-000143	JACK-PHONE;1P(VER),3.4PI,AG,BLK,NO	
2		AA65-30009A	CLAMPER CORE-FBT;,-,ABS,VO,-,BLK,-		2		0202-000008	SOLDER-WIRE;S63S-W3.0,S63S,D3,63Sn/37Pb,	
2		AA65-30018A	CLAMPER CORE-WIRE;DONG-A,NYLON-66,-,-,-		2		0202-000187	SOLDER-WIRE FLUX;,-,RS60S,D1.2,63Sn/37Pb	
2		HA68-02179A	LABEL-RATING;58MM,53MM,WHITE		2		0204-000442	SOLVENT;1M-1000,C3H7OH,96,-	
2	qms	HA83-00052A	LP-TAPE-INK;WIDTH 55 MM		2		0204-001024	FLUX;DF-98TVS,-,20%,-	
2	rating	HA83-00052A	LP-TAPE-INK;WIDTH 55 MM						
2		AA64-00894K	INLAY-BACK;21K2,PS SHEET,T0.3,BLK,KS1B 1						
2		AA65-30111A	CLAMPER CORE-WIRE;ALL MODEL,NYLON,VO,-,W						
2		HA68-02177B	LABEL-PQS;ALL,30MM,65MM,WHITE,AA68-02177						

ASSY CRT

1	AA94-05901A	ASSY CRT;A51ERF135X70,+380MG,51CM,YES,2
△ 2	AA03-00366A	CRT COLOR;A51ERF135X85,+380MG,2.3MH,27MH
2	AA27-00130A	COIL DEGAUSSING;,-,-,-,40T,9ohm,-,21inc
2	AA65-30107A	CLAMPER CORE-D,COIL;20-22 INCH,NYLON 66,
2	AA98-00125A	ASSY TBC WIRE(P);,21INCH,NTSC,2P-WH

ASSY CABINET FRONT

1	HA91-00856C	ASSY CABINET FRONT;21K2,KS1B,FLAT,COR-P
2	KC+CF	6002-000515 SCREW-TAPPING;RH,+2,M4,L15,ZPC(WHT),SWR
2	SPK+CF	6002-000515 SCREW-TAPPING;RH,+2,M4,L15,ZPC(WHT),SWR
2	LED+CF	6002-000515 SCREW-TAPPING;RH,+2,M4,L15,ZPC(WHT),SWR
2	AA61-60003J	SPRING ETC-CS;-SUS304;-,-,OD6,N7,OD6,-,
2	AA65-30105A	CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,
2	AA64-02092C	KNOB POWER;21K2,HIPS,HB,GD-906P
3	HA83-00034A	LP-MARKING PAINT;METALLIC-CHAMPAGNE,GD-
3	HA83-00006A	LP-RESIN HIPS;BASF495F,NTR,HB
3	HA83-00011A	LP-RESIN;M BATCH,WILSON 6007-GY-60,GRY
2	HA64-01694B	WINDOW-RMC,LED;15K2,ACRYL,CLR
3	HA83-00010A	LP-RESIN;OROGLAS,VM-100 ZHN 2
2	AA64-01702C	KNOB CONTROL;21K2,HIPS,HB,GD-906P,GRY
3	HA83-00034A	LP-MARKING PAINT;METALLIC-CHAMPAGNE,GD-
3	HA83-00006A	LP-RESIN HIPS;BASF495F,NTR,HB
3	HA83-00011A	LP-RESIN;M BATCH,WILSON 6007-GY-60,GRY
2	AA64-02387C	CABINET-FRONT;21K2,HIPS,HB,SV-012P-II+PW
3	HA83-00040A	LP-MARKING PAINT;METALLIC SILVER,SV-012
3	AA81-00106A	A/S-MARKING PAINT;P432U,DARK GREY,TPC
3	HA83-00039A	LP-MARKING PAINT;PEARL WHITE,PW-001P
3	HA83-00006A	LP-RESIN HIPS;BASF495F,NTR,HB
3	HA83-00016A	LP-RESIN;M BATCH,WILSON 213-WT-60,WHITE
2	HA64-01697B	DECORATION-POWER;DECORATION-POWER;15K2,P
3	HA83-00009A	LP-RESIN PC;LEXAN 121R,VIOLET
2	HA61-00711C	HOLDER-PCB;29K8,HIPS,HB,GRY
3	HA83-00006A	LP-RESIN HIPS;BASF495F,NTR,HB
3	HA83-00011A	LP-RESIN;M BATCH,WILSON 6007-GY-60,GRY
2	AA96-00853A	ASSY SPEAKER;160HM,3W,3001-001039,700
3	3001-001039	SPEAKER;3W,160HM,90DB,180HZ
3	AA39-20500C	LEAD CONNECTOR-ASSY;3(2),67096-003,REC,
2	0203-001290	TAPE-OPP MASKING;ANT 100C,T0.073,W30,L50

ASSY ETC-PCB A/V FRONT

1	AA95-01425A	ASSY ETC-PCB A/V FRONT;CS21K22,KS1B,MON
2	RA01	2001-001153 R-CARBON(S);470HM,5%,1/2W,AA,TP2.4X6.4M
2	RA02	2001-001153 R-CARBON(S);470HM,5%,1/2W,AA,TP2.4X6.4M
2	CA01	2202-000121 C-CERAMIC,MLC-AXIAL;100pf;10%,50V,Y5P,TP
2	CA06	2401-001840 C-AL;100uf;20%,16V,GP,TP6.3x11.5
2	CA07	2401-001840 C-AL;100uf;20%,16V,GP,TP6.3x11.5
2	LA01	2701-000114 INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm
2	LA02	2701-000158 INDUCTOR-AXIAL;22uH,10%,2.5x3.4mm
2	LA03	2701-000158 INDUCTOR-AXIAL;22uH,10%,2.5x3.4mm
2	PCB	AA41-00515A PCB-FRONT A/V;21K2,FR-1,1LA,1.6T,245X24
2	CN06A	3711-002642 CONNECTOR-HEADER;BOX,3P,1R,2.5mm,STRAIGH

REMOCON

1	AA59-00104N	REMOCON;TM59,SIM806E,29,L/GRAY,TTX/MO
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ASSY ACCESSORY

1	AA94-05817A	ASSY ACCESSORY;20-21,KS1A,XEH
2	HA68-00320A	LABEL CAUTION;,-,S15A,CEFTA,-,-
2	HA68-00336B	CARD-WARRANTY;A/P100(G),A5,NEW VERSION,I
2	4301-000120	BATTERY-MN;1.5V,-,AA,14.5x50mm,-
2	HA83-00047A	LP-TAPEACETATE;T0.1MM,W20MM,L200MM
2	HA69-00276A	BAG VINYL;HDPE,T0.025,L400,W240,-,W/O LO

ASSY POWER CORD

1	P/CORD	AA96-01126A	ASSY POWER CORD;DPA39-10001G,CP2,H/C25
2		AA39-10001G	CBF POWER CORD;,-,KKP-419C,KLCE-2F2.286m
2		AA61-20284A	HOLDER;P-CORD,PP;,-,-,BLK,VO,KE-002

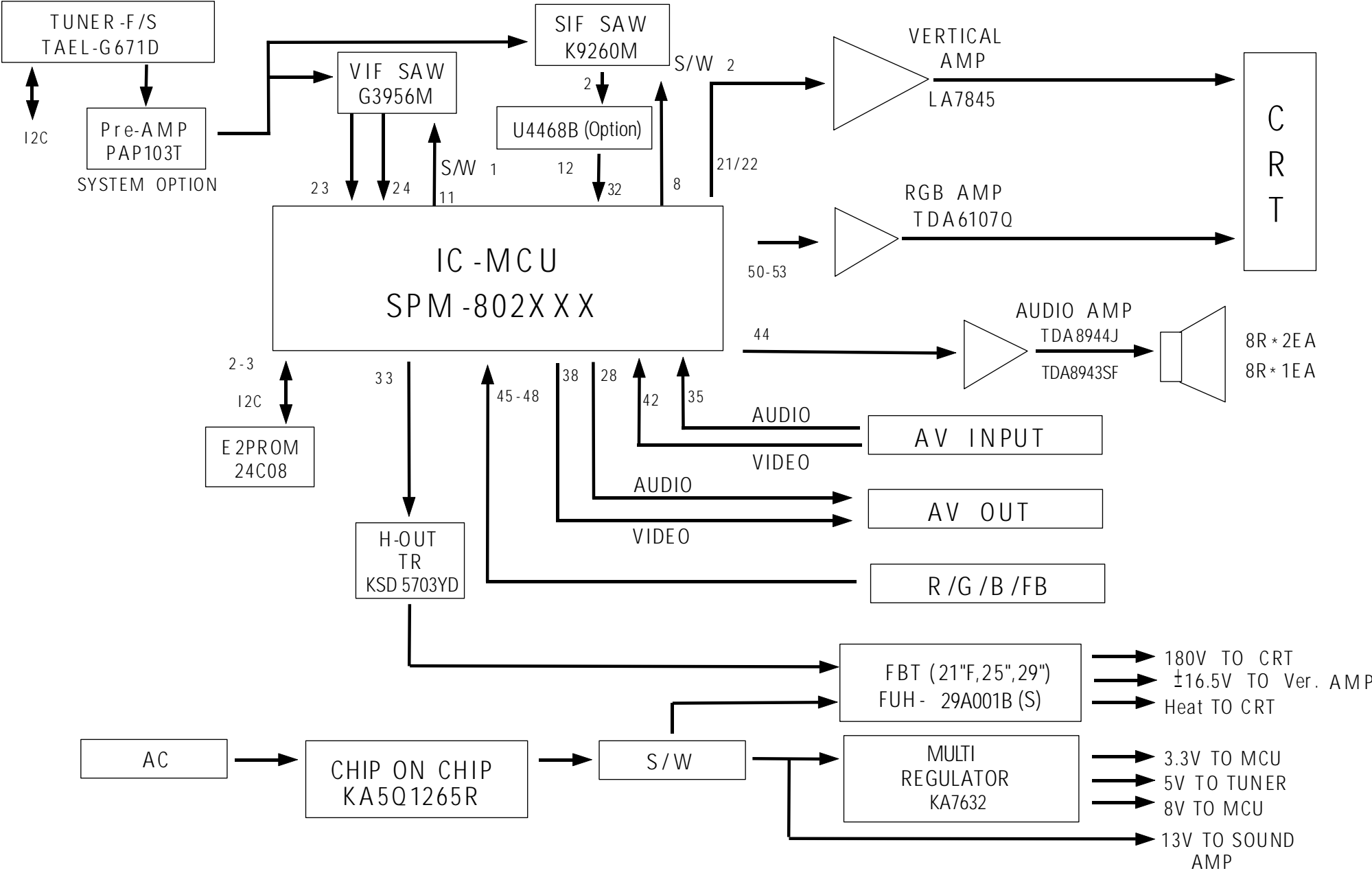
ASSY PACKING

1	AA90-01112A	ASSY PACKING;21K2
2	AA60-40006A	PIN-STAPLE;AUTO,33X17.8X2.4,H18,33X17.8X
2	HA69-00904B	CUSHION-SET;21K2,EPS C=0.02
3	HA83-00058A	LP-RESIN-EPS;CHEIL SF-301V,WHT
2	HA69-00987E	PACKING-CASE;21K2,D-2 BB,YEL,KS1B GUJU N
2	HA68-02178A	LABEL-BOX;250MM,89MM,WHITE
2	AA69-00744E	BAG-SHEET;,-,HDPE PE FOAM,T0.015,W1300,H1
2	HA83-00046A	LP-TAPE INK;WIDTH 105 MM

MEMO

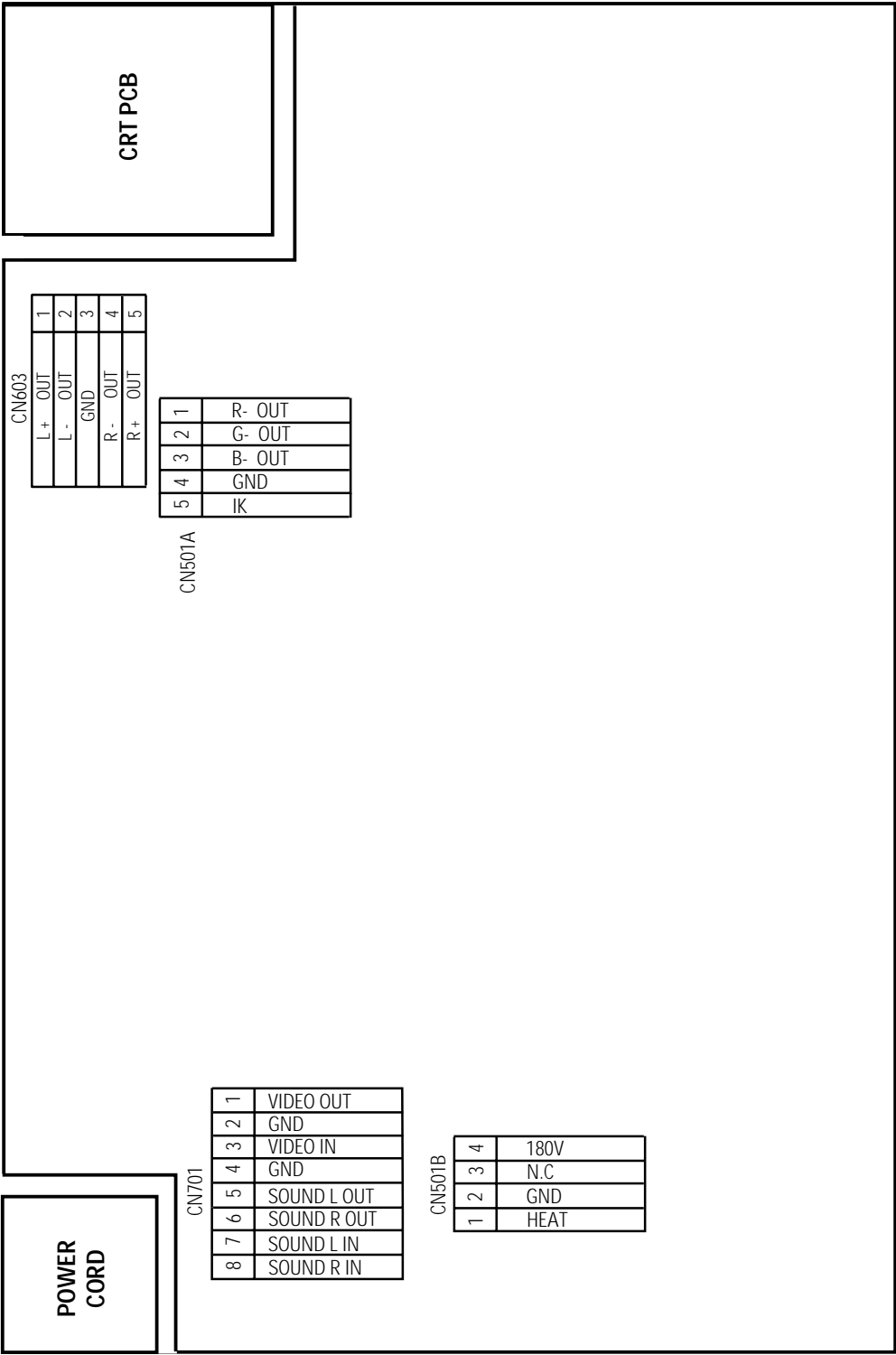
8. Block Diagram

8-1 KS1B



9. Wiring Diagram

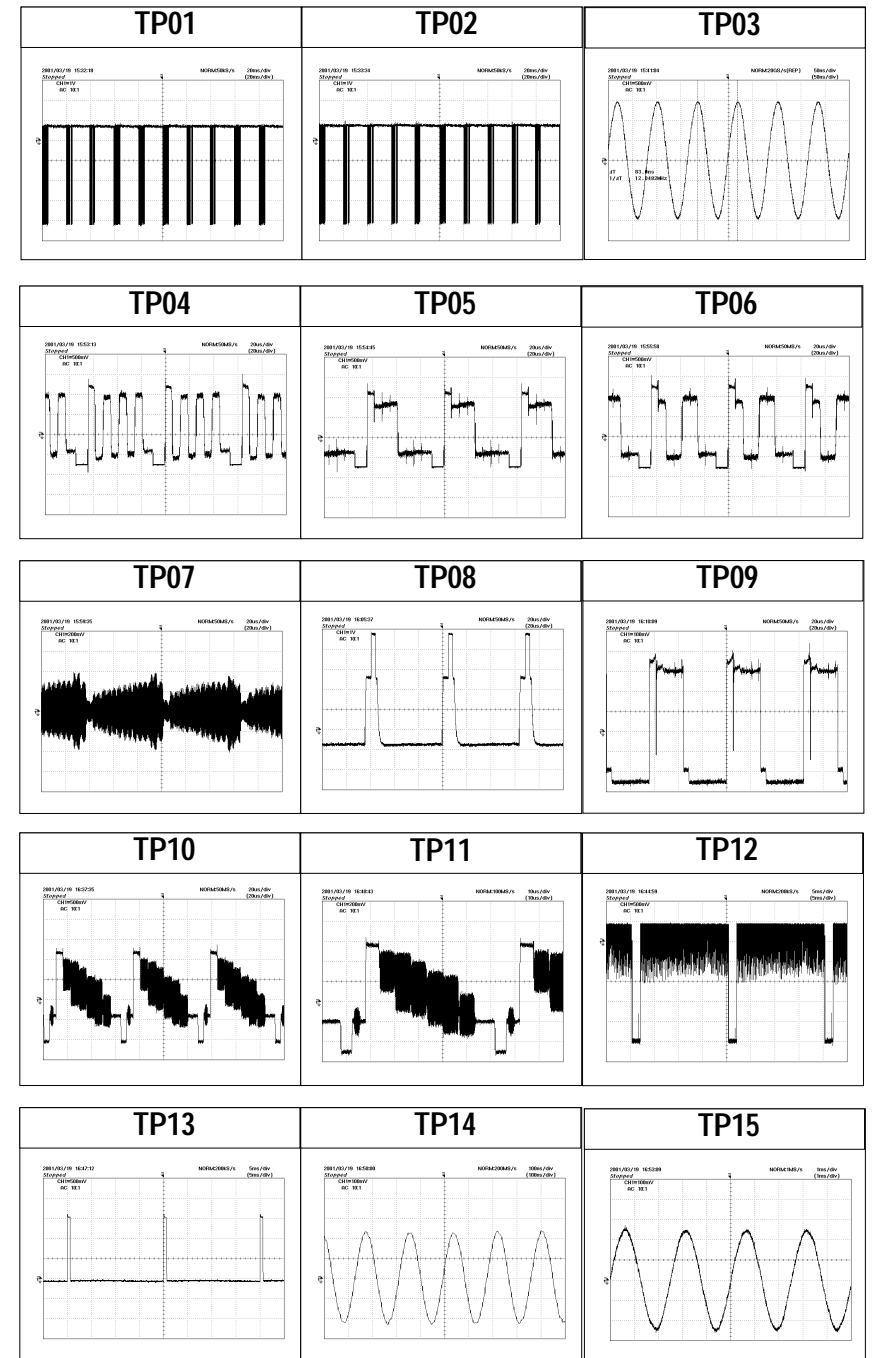
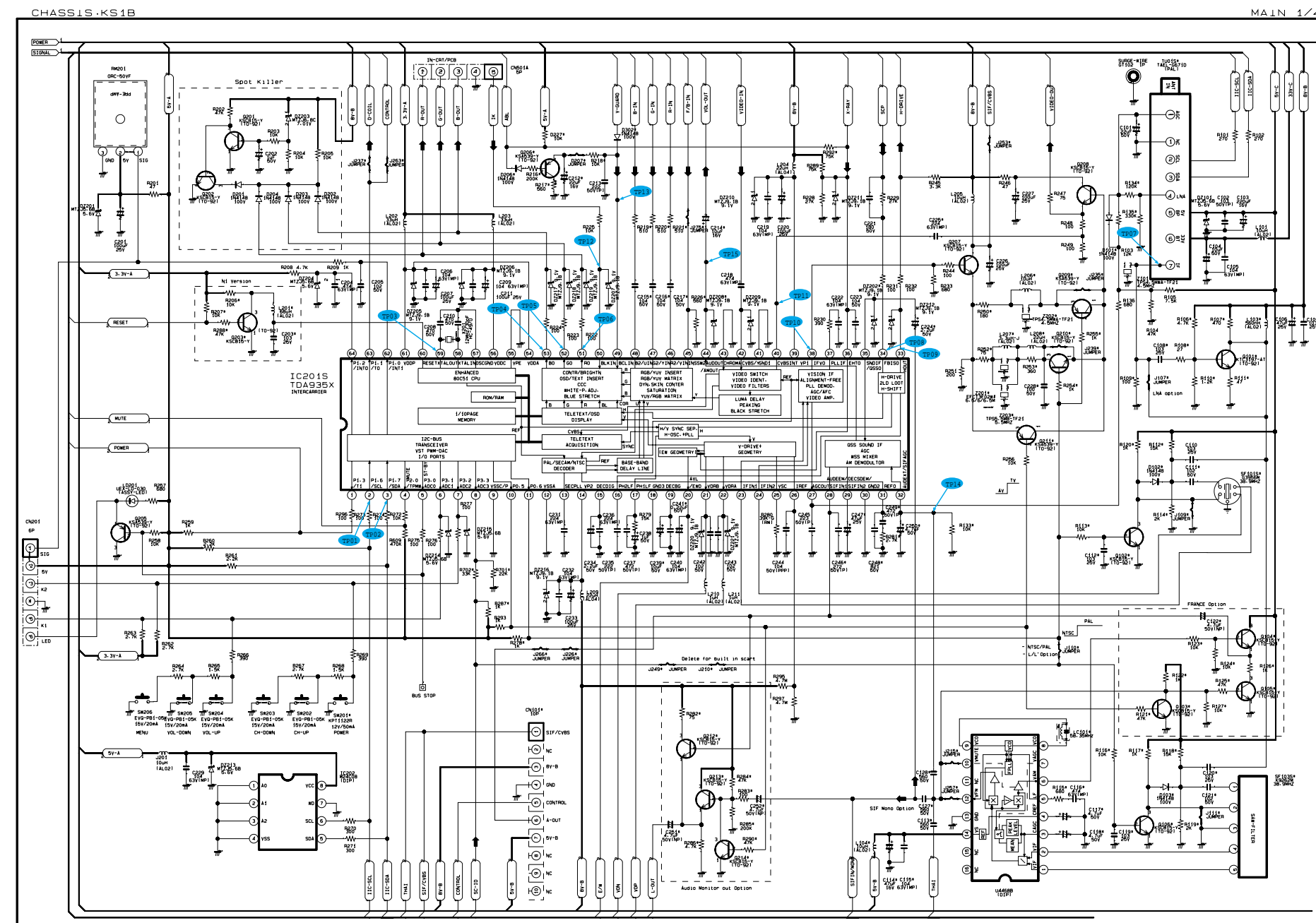
9-1 KS1B



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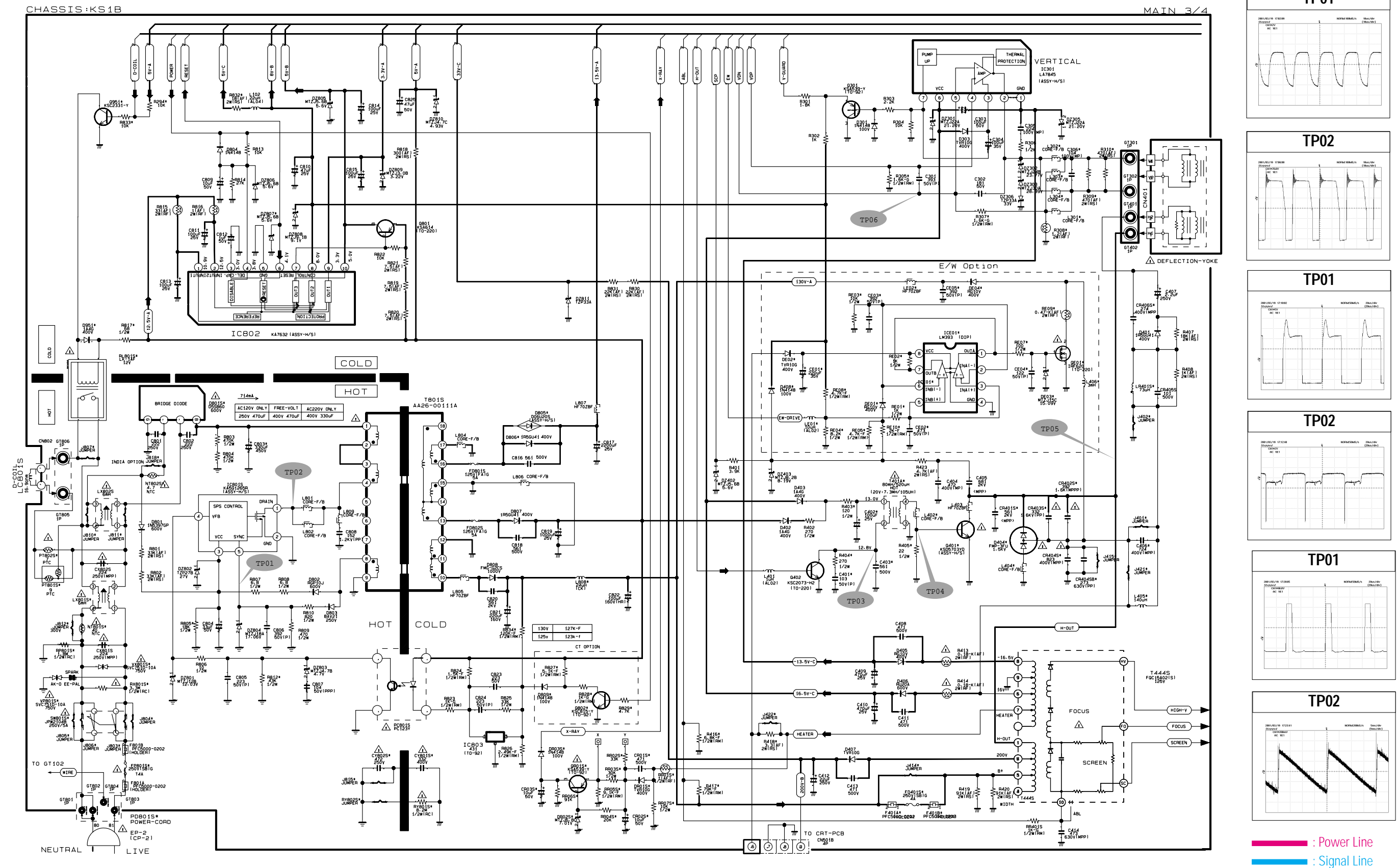
10. Schematic Diagrams

10-1 MAIN(1/3)

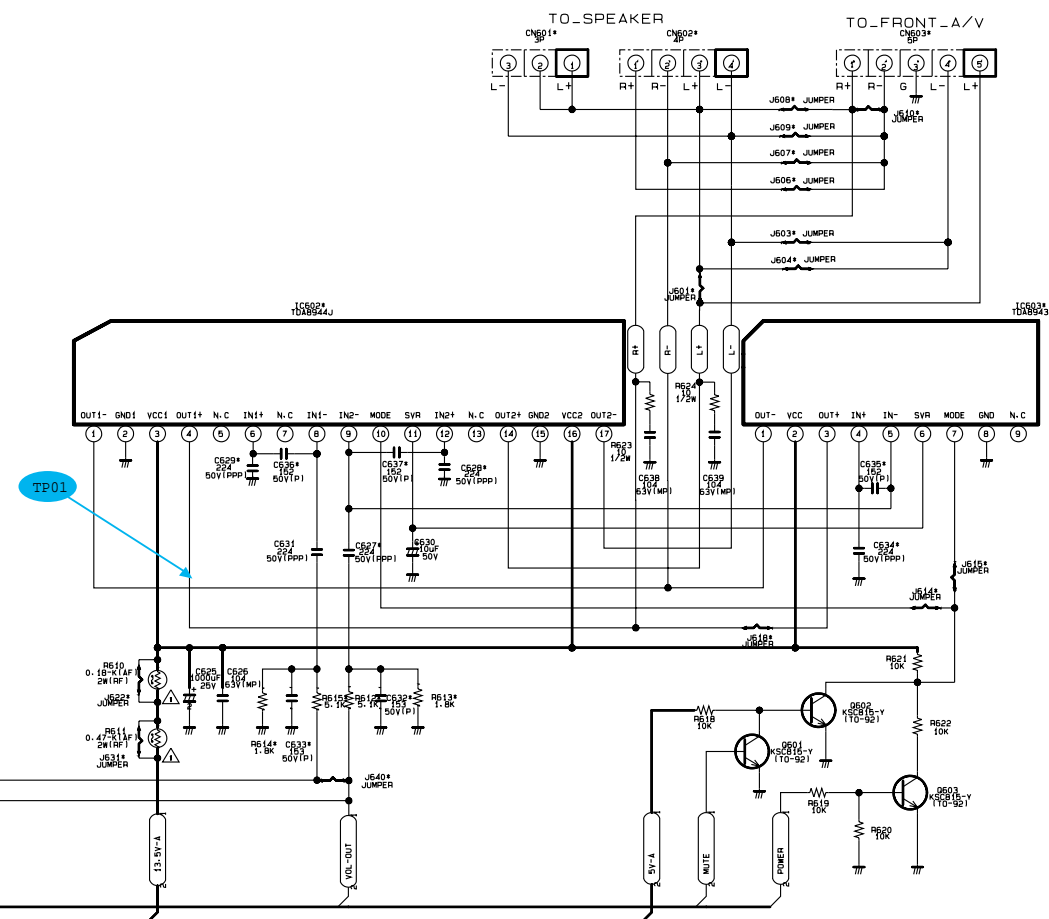
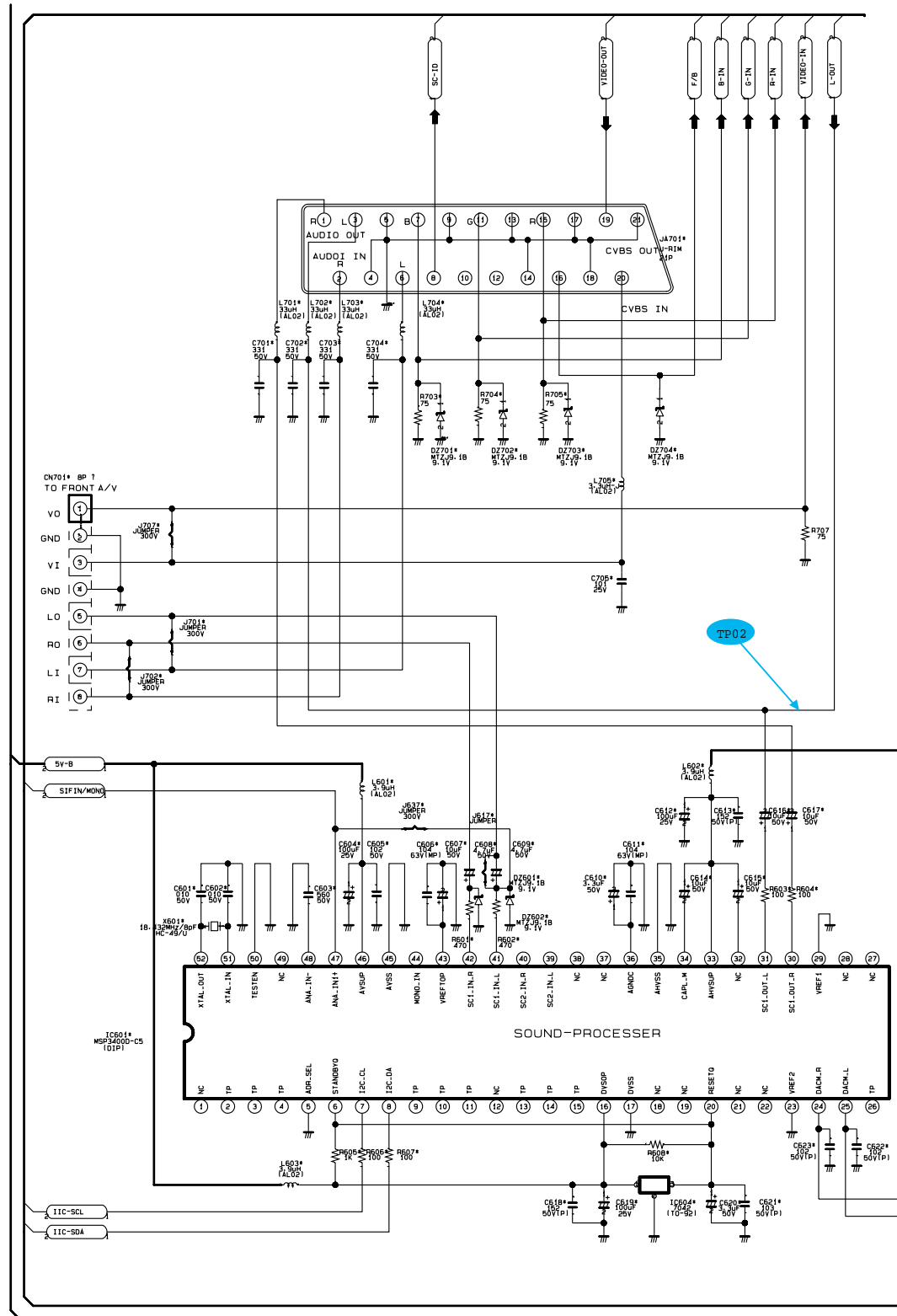


— : Power Line
— : Signal Line

10-2 MAIN(2/3)

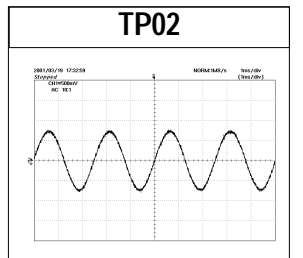
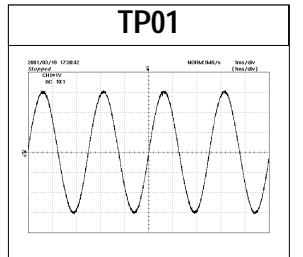


10-3 MAIN(3/3)



<SOUND OPTION TABLE>

SOUND OPTION TABLE											0:ADD / X:ERA	
				J608	J609	J610	J601	J607	J606	J603	J604	POST
STEREO	MAIN	H/P(0)	X	X	X	X	X	X	X	X	X	CN602、CN603
		H/P(1)	X	X	0	0	X	0	X	X	X	CN602
	A/Y	H/P(0)	X	X	X	X	0	X	0	X	X	CN603
		H/P(1)	X	X	X	X	0	X	0	X	X	CN603
MONO SPK22E(A)	MAIN	H/P(0)	X	X	X	X	X	0	X	0	X	CN602、CN603
		H/P(1)	X	X	0	0	X	0	X	X	X	CN602
	A/Y	H/P(0)	X	X	X	X	0	X	0	X	X	CN603
		H/P(1)	X	X	X	X	0	X	0	X	X	CN603
MONO SPK1EA	MAIN	H/P(1)	0	0	X	X	0	X	X	X	X	CN601



 : Power Line
 : Signal Line



